

~1903~

Cambridge, Mass.

1902-3

Dec. - Feb.

Since my last entry, the three winter months have come and gone. I have been in Cambridge all the time and we have been pushing the work on The Birds of the Cambridge Region incessantly. Will is making a long introduction which will add much to the List. I have been looking up early & late dates of arrival & departure, type-writing all manuscript sheets &c &c.

I attend the meetings of the various Clubs and enjoy them all. The "We Dine" met "He Dine" here on February 25. Eleven members from the club and ten were present, C. F. Batchelder, W. Brewster, A. D. Chadburne, W. Deane, J. H. Goodale, W. A. Jeffries, H. M. Spelman, R. Thaxter & C. W. Townsend & R. T. Jackson. E. L. Rand was absent. We had a Washington's Birthday dinner, center piece of the table, on a shoulder, backed at a cherry tree laden with cherries & covered with leaves. Flags on stands stood around the center. At each plate were a bunch of cherries tied with red, white & blue ribbon, a red cardy hatchet and a photograph of either George or Martha Washington. The cake had cherries on a hatchet as it and flags floated from the mounds of ice cream that were brought in. The bonbon dishes were in the pattern of the American flag. I read verses, as the members,

A Trip to Longwood, Mass.

1903

Mar. 1

Clear, sunny with broken clouds, windy, max. temperature 47° .

I called on Arthur P. Chadbourn this morning at 225 Marlborough St., Boston and went with him to his old home in Longwood to see some bird skins. The estate of two acres is in the corner of Pleasant & Freeman Streets. The country is still quite open in that section. Behind the old barn stands a Sassafras Tree that has been growing there naturally there for many years. Arthur Chadbourn remembers it well, when he was a boy. It is on a slope and stands by itself. I took its dimensions with a measuring tape as follows:—

Circumference above the swell, 2 ft. above ground	} 7 ft. 9 in.
on upper side, 3 ft. on lower side	
Longest diam. at same height	2 " 9 "
Shortest " " " "	2 " —
Height (estimated)	30 " —

5 to 6 feet above ground the trunk splits into 4 limbs, two of which rise quite perpendicularly, while the other two veer off at an angle of about 45° . One of the upright limbs has been sawed off 5 or 6 feet from the fork to preserve what is left. Altogether it is an old relic.

On the same place is a fine symmetrical ex-ample of a Norway Spruce with even taper. At 4 feet from the ground it measures 6 feet 9 inches in circumference. Norway Spruce.

I dined at Chadbourn's and returned home in the P.M.
— I weigh today, 165.4 lbs —

Cambridge, Mass.

1903

Mar. 12

Clear mild maximum temperature 59°. Spring seems really to be upon us. Well it last? Snowdrops, Squirrels & Crocuses have been up in the Brewster garden for a few days past.

Fresh Pond is entirely open. This morning I took a walk toward Fresh Pond and heard Bluebirds, a Song Sparrow & Meadow-larks. The Song Sparrow was sitting on a branch of a spruce singing at the top of his little lungs. At 6.40 this morning I heard a Bluebird in the garden opposite - Chickadees are singing their Pheobe note continually now -

This evening we went in to the Bod, Soc. Nat. Hist. and heard Mr. Henry Cloy on Bird Music in connection with the human scale - Tuesday evening (the 10th) we heard him on Bird Notes. He has a most delicate whistle by means of which he interprets the songs, and the occasions have been fascinating to me. I met Mr. Cloy in Washington last November, I had an interesting talk with him after the lecture, and to-morrow I am going to show him about Cambridge -

My first
Bluebirds
Song Sparrow
Meadow-larks

My very
first
Bluebird

Cambridge, Mass.

1903
Mar. 13

Clear, calm, warm, a day ideal in every respect, like a warm day in the middle of April - Max. temp. 65°, min. last night 35°.

This morning I met Mr. Cloyd at 9.30 I took Mr. Cloyd by the Harvard Union and showed him first over the Harvard College grounds visiting the Library, Gymnasium, Fogg Art Museum, Architectural Bldg., Memorial Hall, and then over to the Mus. Comp. Zool., where we met Dr. Thaxter near the entrance and had a talk. Then we went to Mr. Sam Hendeen's room and he kept with us for an hour. He has a collection of live Bermuda Toads (Bufo aqua) lately arrived. This Bufo aqua species has been introduced into the Bermudas from the islands farther South. It is very large, specimens being 9 in. long, not including the legs. These specimens, six, I believe, in number, are under size, but some are as large as larger than our Bullfrogs. They are brown, without the warty character of our toad which they resemble in habits. After going over the Museum and examining especially the Scott collection of bird's birds and the Glass Models we took a carriage and visited points of interest, including Fresh Pond from Henlock Grove, returning to Harvard Union by 12.30 where we lunched with Mr. Breuser. Then Mr. Cloyd & I went to Concord and I returned to the Museum.

I saw my first Vanessa antiope this morning on Brattle St. 1st Antiope
Also my first Grackles on Brattle St. 1st Grackles

Trip to Wayside Inn, Sudbury, Mass.

1903

Mar. 14

Clear, calm, warm, muggy (max.) 70°.

May, George, M. & I took the train at North Cambridge Junction at about 12 M, reaching Wayside Inn Station at 12.40. It was positively warm, vegetation is still in abeyance except in favored spots by brooks and meadows, where the grass is green and *Synedra* is well in flower. We walked along the dry, sandy, country road to the Inn, one mile and a quarter, enjoying every bit of it. Bluebirds were singing, and one pair were inspecting the hole in an old stump by the road. Juncos were abundant flitting along by the fence rows and singing the jingling melody in a chorus. Fox Sparrows were scratching in their characteristic energetic way among the dead leaves for food and Robins were fairly abundant.

We dined at the Inn and enjoyed wandering through the various rooms. On former visits I have had the rooms and objects fully described. After dinner we actually lay out on the grass & it was so very warm. Shortly after three, George & I walked to the train, the ladies driving.

As we were on a noisy road I heard a sort of hoisting, somewhat resembling the cry of a Heron, and immediately a flock of ? some twenty in number fly with lightning speed over our heads in a perfect V. Keen in flight but a few seconds. I could make out no markings. They seemed smaller than Grees and uttered this too-too-too-too, too-too-too-too, continuously, a slight pause following each set. They were about twice the height of the trees. We reached home shortly after 5 P.M.

A Trip to the Mayhew Inn, Sudbury, Mass.

1903

Mar. 14

I observed the following birds in Sudbury between the Station and the Inn:—

Cornus americanus. About a dozen.

Junco hyemalis. In full song. Abundant by the roadside and in the trees near by, feeding busily, and flying ahead of us as we advanced.

Passerella iliaca. I saw about eight in all.

A flock of three were scratching together in one place. One sang a little.

Melospiza melodia. Saw & heard a few.

Parus atricapillus. Heard a few.

Merula migratoria. Quite abundant, in the fields.

Sialia sialis. Five or six. A pair were inspecting a hole in an old stump by the road.

I saw ^{in Sudbury} a Balloon Spider sailing overhead attached to his long streamer and a Vanessa antiope was flying about at the North Cambridge Junction Station.

Waverley, Mass.

1903
Mar. 15

Cool, clear and cloudy, light east wind.
maximum temperature 54°.

This morning (Sunday) I went to Waverley in the electric with Edith Congdon and we spent the morning in the Reservation. Beaver Brook runs full, its water clear as crystal. The wet ground bordering it in the Lower Reservation is covered with the flowers of Symphoricarpos foetidus, a harbinger of spring. The grass in wet places is green, but all else is still locked up in buds, awaiting longer and warmer days before risking exposure. In the swamp just outside the Lower Reservation, Grackles were flying about, singing, and I saw a single male Redwing. He visited the Waterfall in the Upper Reserve. It was very full and the water was foaming over the rock. A good flock of Ducks were swimming about in the Pond. We returned home two miles.

This afternoon I showed the Museum to Mr. Sam Henshaw and the two Carey boys.

Birds observed this morning at Beaver Brook Reserve.

Colaptes auratus luteus - one shouting.

Corvus americanus - several.

Agelaius phoeniceus - one ♂ - my first.

Quiscalus g. cinereus - a flock of about 15 in swamp.

Melospiza melodia - full song. About six.

Parus atricapillus - one singing, phrase note.

Sialia sialis - one singing - - -

Merula migratoria - three near the house this P.M.

Belmont, Mass.

1903

Mar. 20

This morning Will Brewster & I went up to School St., Belmont on the electric, reaching there about 8.30. Mr. Hoffmann had told Will of a Carolina Wren established on a farm on School St. We walked down the street to the farm at the foot of the slope on the left. There was the Wren singing lustily in a willow near the barn. I had a most excellent view of him and listened to his cheery song for some time. His whole energies were thrown into every strain. His head was thrown up, mandibles opened to their widest extent and the song poured out as if his very soul was in each note.

Bedford, Mass.

1903

Mar. 29

Clear, cool day. Mercury reached 28° last night but has not hindered the advanced growth of the past two weeks.

I took the electric this morning to Bedford reaching C. W. Jenkins' at 10.20. I passed a most delightful day with him. He took a walk from 10.30 to 1.30 with his friend, through

the meadows, and over a hill opposite the house, through the Shady Hill Nurseries, back to the house.

There was a light fall of snow last night with rain and a little sun was still on the ground in sheltered spots. Vegetation is very forward in Bedford as elsewhere. In the garden, *Gloxinia*, *Hepatica* (*viridifolia* & *acutifolia*), *Dicentra*, *Claytonia*, *Daphne Mezereum* were in flower. Meadow larks & Song Sparrows were singing freely, the larks were running full and nature was most attractive.

After lunch we strolled about again over the place inspecting the farm buildings and visiting the vegetable garden where work must soon begin.

We dined at 4.30 with Jenkins' two sisters & a friend.

I returned home at 6.30.

Birds observed:-

Buteo lineatus 1* soaring
Bonasa umbellus 1 flushed
Dryobates p. medianus 2⁴⁸ 1
Sayornis phoebe 1*
Sturnella magna 6* one sang two
 nasal notes followed by a trill.
 I watched him sing into my glass.
Quiscalus g. cinereus (2)
Agelaius phoeniceus 100 in wood
 among pines -

Corvus americanus 10.
Melospiza melodia abundant*
Junco hiemalis 3*
Passer domesticus frequent
Parus atricapillus 1
Merula migratoria abundant
 seen constantly. One flock
 of at least 20.
Lialia fialis numerous*
 saw 4 & 8 on 10 14 & 20.

Concord, Mass.

1903
April 5

Minimum temp. on preceding night 26° . Maximum temp. during day 39° . Blustering wind through the day. Sunny. Very cold, a great change from the warmth of the past few weeks when vegetation has taken wonderful strides.

This morning R. T. Jackson & I took the 9:11 train at Porter's Sta. for Concord. The bushes were running full and the blades of grass projecting the water was beaded with glistening drops of ice. Hansen met us at the station and drove us to the Barrett Farm where we met Will Brewster and Sam Henshaw who had gone up the day before (Saturday). We passed a very delightful day together, wandering over the whole estate here & there. Birds were very scarce, the cold wind driving them to shelter. We observed Partridge¹, Phoebe², Fox Sparrow⁽⁵⁺⁶⁾ in scrub at foot of Ball's Hill by river. Song Sparrow^{1/2}, Bluebird^{1/2}.

The river is high, and the scene from the top of Ball's Hill resembled a lake, the meadows all being under water. It was a beautiful sight. We dined at the Barrett House in front of a big open fire. Jackson & Henshaw were much pleased with everything. They had never seen the place before.

Oct 5 P.M. Jackson & I crossed the Concord to W. Bedford in W.B.'s boat, Will holding the oars, and returned home by electric. I reached the house by 7 o'clock -

The holes of the Ground Bees were very abundant in sandy places & open fields -

Concord, Mass

1903
May 3

Cloudy, chilly, windy. a few short glimpses of the sun during the day. Min. Temp last night 37° . Max. during the day 53° .

William Brewster, Samuel Henshaw, George V. Leverett, Roland Haywood & I took the 9.11 Am. train for Concord, from there the electric to West Bedford and across the river to Ball's Hill. Here we spent the day, dining in the Cabin and strolling through the woods and fields morning & afternoon. We returned the same way in the late P.M. leaving Mill behind. Gilbert cooked us a most excellent dinner -

It was most delightful in the woods, where all was so peaceful and quiet, and the leaves and pine needles were left under foot. We saw or heard most of the birds behind Ball's Hill in the morning. About noon as we were standing in a small clearing among some white pines, a fine Osprey sailed over our heads quite low down. It is rare to see a Fish Hawk. We saw all the Swallows except the Bank (*Riparia riparia*) and the Swifts were abundant in the late afternoon over a bit of water at the edge of Ball's Hill. A pair of Cooper's Hawks are nesting in the woods towards the Barrett House but though we visited the spot and saw the nest, we did not see the birds - I heard for the first time this season the Pine Warbler, Purple Finch and numbers of others.

Concord, Mass.

1903

May 3

(2)

Birds observed at Concord on May 3 :-

- Botaurus lentiginosus*, 1 pumping in meadow by river, Rm.
Zonotrichia querula, flushed 2.
Pandion h. carolinensis, 1st near Ball's Hill, 12 M.
Dryobates villosus, 1 tapping on tree & calling. Seen
 " *p. medianus* 1 ♂
Colaptes a. luteus, several *
Chaetura pelagica, 25 over pond by Ball's Hill Rm. Later in
 the town I saw numbers flying about.
Sayornis phoebe, 2 occupying nest in shed near cabin.
Cyanocitta cristata, several *
Corvus americanus, "
Agelaius phoeniceus, numerous along the river.
Quiscalus g. alpestris, 1 near W. Bedford Station.
Carpodacus purpureus, 1 * in Am.
Spizella socialis, 2
 " *pusilla*, 1 *
Melospiza melodia, 2 *
 " *georgiana*, 1 *
Passer domesticus, few W. Bedford
Progne subis, a few r
Petrochelidon lunifrons, 1 r
Hirundo erythrogastra, several
Tachycineta bicolor, 6
Mniotilta varia, *
Dendroica coronata, 2
 " *virens*, 1 *
 " *vigorsii*, 1 * sang long
 " *p. hypochrysea*, 1
Parus atricapillus, few
Merula migratoria, numerous
Sialia sialis, 6.

After we left Concord
 we saw a Black Duck and
 heard an even finer
 the flight song

30 species

1903
May 5

A walk by Rock Meadow,
Waltham, Mass.

Cloudy & rain, cool, max. temp. 61.

George & I went to Waverley this morning and walked to the Lower Pond in the Reservation and through the fields and old deserted orchards along the edge of Rock Meadow for a good distance coming out finally to the Trapelo Road, a mile or more from the Waverley electric. The path home to Waverley. We walked at least four miles. The land lies in a hollow and but little is under cultivation. I saw some very fine White Oaks. *Saxifraga virginiana* was in flower. *Saxifraga* in bud. *Anemone pulsatilla*, *Ranunculus abortivus*, *Amelanchier* were in flower.

We observed the following birds: —

Anas obscura, 1 flushed in a swamp back of the Lower Pond. It flew straight away after describing a short curve. We searched the spot carefully, but found nothing.

Buteo lineatus 1*

Colaptes auratus several*

Chaetura pelagica several

Cyanocitta cristata saw one, but a few

Corvus americanus several

Agelaius phoeniceus 12

Sturnella magna 1*

Zonotrichia q. ceneus few

Spizella socialis "

" *pusilla* 1*

Melospiza melodia 2*

Reipha erythrophthalma 1 calling

Hirundo erythrogastra several*

Mniotilta varia 2*

Dendroica virens 1* Waverley

" *virens* "

Parus atricapillus few

Merula migratoria common

Falco sparverius a few,

one pair were on an old apple tree, the ♂ sitting in a hole, the ♀ close by —

20 species —

Turkey Hill, Burlington, Mass.

1903
May 7

Fernald, M. L. & I went to Turkey Hill this afternoon and visited some interesting *Vacciniums*. - In a large pasture there were two forms covering the ground, fine bushes, the ground kept clear between them. One form *V. corymbosum* has now the flowers just appearing long, creamy white, the leaves well out and smooth -

The other form *var. atrococcum* has the flowers well out, short, unshaped, and the leaves not yet out. I took a picture of a bush of each with my new camera, but I doubt if I got much. It was quite cloudy. I used the smallest stop and give it 6 seconds.

As a thunder storm seemed approaching I left Fernald to collect some violets and came back. It did not rain -

Beaver Brook Reservoir, Waverley, Mass.

1903
May 10

Clear, warm, max. temp. 75°, Sunday.

George & I went to Beaver Brook Reservoir this morning, and spent a couple of hours in the Lower Reservoir studying the birds. I took my camera and exposed four plates (Speed 26 X, 4x5). It was my first attempt. We observed the following birds:—

<i>Colaptes a. luteus</i>	had several
<i>Cyanocitta cristata</i>	" " "
<i>Tyrannus tyrannus</i>	saw one
<i>Sayornis phoebe</i>	had "
<i>Cornus americana</i>	a few
<i>Cypselurus phoeniceus</i>	several
<i>Zonotrichia q. alpestris</i>	one
<i>Carpodacus purpureus</i>	im. ♂ (X)
<i>Spizella socialis</i>	several
<i>Melospiza melodia</i>	a few
<i>Hirundo erythrogastra</i>	" "
<i>Tachycineta bicolor</i>	" "
<i>Vireo flavifrons</i>	one *
" <i>olivaceus</i>	" "
<i>Mniotilta varia</i>	" "
<i>Dendroica aestiva</i>	several
<i>Talioseophts carolinensis</i>	one *
<i>Mareca riparia</i>	several
<i>Livia sialis</i>	a few.

All these in the Reservoir.

A Chewink (*Pipilo*) was in full song this morning as I passed Nell's Garden.

Record of Temperature taken with a max. & min. therm. hung from the back window 2^d floor, and when the sun got too near, outside the west window in day & way Cambridge, Mass

Minimum = lowest temp. on night before = max. = highest during day.

Days: Jan. Feb. Mar. Apr. May
min. max. min. max. min. max. min. max. min. max.

1-	26	48	24	41	44	47	42	54	55	56
2-	30	47	28	45	21	40	33	59	35	48
3-	37	54	36	49	30	37	47	68	37	53
4-	38	46	35	45	33	52	59	61	46	58
5-	31	40	32	32	35	46	26	39	49	61
6-	34	41	20	37	35	47	26	49	47	62
7-	16	37	25	33	26	53	38	54	42	62
8-	21	38	18	42	42	55	52	59	50	71
9-	10	17	25	32	43	46	45	64	47	64
10-	14	26	25	40	37	52	46	64	42	75
11-	16	27	30	48	38	56	42	58	44	74
12-	28	27	41	46	36	59	33	64	43	72
13-	12	25	37	50	35	65	36	53	47	74
14-	14	27	30	34	31	70	42	48	55	72
15-	22	36	28	39	42	54	40	42	53	72
16-	31	40	23	35	36	47	38	45	50	64
17-	35	46	17	26	37	62	38	48	50	82
18-	20	22	2	18	43	56	35	59	60	88
19-	2-13		2	11	41	71	34	54	63	88
20-	6	31	1	27	44	75	39	65	65	85
21-	27	45	3	37	42	52	38	60	61	82
22-	32	39	21	34	45	57	37	63	67	
23-	28	39	17	42	44	50	43	64		
24-	6	19	27	47	44	59	48	63	41	
25-	15	22	20	38	40	50	45	63	44	64
26-	14	33	23	46	32	53	39	55	41	
27-	13	41	34	57	40	66	43	60		
28-	39	48	44	61	43	52	39	69		
29-	33	43			28	44	57	82		
30-	38	45			29	52	58	82		
31-	27	32			40	56				

Cambridge, Mass. to Shelburne, N.H.

1903
May 26

Clear, cool day. M. & I took the 9.01 A.M. train for Shelburne and had a pleasant ride to Portland, reaching there shortly after noon. An hour's wait, including dinner followed, then a little train, consisting of an engine and single car took us out to the Junction where we caught the train on the Grand Trunk Railroad at 1.35 and reached Shelburne at 5.06 where Gus was waiting for us with a carriage and pair. It was good to land in old Shelburne once more. A smart breeze was blowing and as we rumbled over the Androscoggin River we saw the booms built up the stream to guide the logs, and the logs floating down streams and large numbers. The great mass of logs is still above Berlin and they will not come down for some time yet, but I shall see it some time in June. The cherry song of the Bluebird greeted us as we stepped from the train. I heard two or three singing at once. We had a warm welcome when we reached the home. Miss Fanny and Alice, Margery & Lawrence are at home. There are some more boys. The vegetation was early here as at home, but a late frost did serious damage to the young crops which had in many cases to be started again.

Shelburne, N.H.

1903

May 27

Min. previous visit 52 - Max. during day 72 -

It has been a glorious day cool, with fresh breezes. This morning I walked through the intervals to the river with Miss Candler of New York who is here. The Barn Swallows are abundant nesting in the barn and fled and skimming over the meadows twittering constantly. Bank Swallows are also numerous flying over the meadows, feeding and picking up little fine twigs for their nests. They utter constantly their hoarse, little notes.

I exposed two films at the twin clens by the creek. We then went through the pasture behind the Scudder cottage and some way into the woods. We saw an Ovenbird utter his energetic song from very close at hand. A Pine Warbler sang constantly in one place.

This afternoon M. & I walked a little near the house and I photographed the Humble from across the road in front of the house, and I also took a picture of the new cottage by the Cassins. I saw a number of species of birds to-day. I shall list them together those recorded during my visit at the end of my Journal. The Bobolinks are abundant in the intervals, singing merrily and filling the air with melody. Phoebe, are abundant, five pairs nesting within 5 min. of the house.

Corallorhiza innata, R. Brown

Grows on the path to West Brook St.

Shelburne, N.H.

1903

Mar 28

Min. 57 - Max 74. Cool, cloudy, dry. Thunder in late P.M., a little rain. Rain in evening.

This morning Mr. & I wandered over the meadow listening to the Bobolinks, and watching the Bank & Barn Swallows. Near the river we heard a Savanna Sparrow and saw a Black Duck fly over stream. A pair of Kingbirds were feeding busily and by the Knubble a Chestnut-sided Warbler was singing. I followed him up and got very near him. On the Knubble I was interested to find two plants of the Habenaria Hookeri which species was growing there in the early 80s. A (Trails of) Alder Flycatcher was on the large dead White Birch on the road side just below the house and once he uttered his note - ^{an Alder Flycatcher was singing by the Knubble -}

This afternoon I photographed the house and barn and sent off the roll of films to Roby-Trench Co. Later I walked to Wheeler's Bog and saw a Redwing. A Hermit-Thrush was singing at the foot of Cragos nest.

As I was near the Schoolhouse, a Pileated Woodpecker uttered his loud call and I saw him flying over the trees and alighting on the top of a tall one where he sat for a minute, his long crest erect. Then he started off and flew over the river. He was a big fellow. It was quite exciting.

Ceophloeus
pileatus

Shelburne, N. H.

1903

May 29

Min. 57° - Max. 66°. Clear, cool, windy.

It has been a glorious day.

This morning I took a walk with Mrs. Converse who is here with her daughter. We went down the road to Mink's and in the orchard by the house, I got some Hedgehog quills from the remains of one that had lay there. I want to show the points through a microscope. Then we skirted along the base of the ridge and listened to an Indigo Bird and a Magnolia Warbler that seemed to be vying for the musical prize. In the distance a Veery sang softly, and as we returned to the road a Nashville Warbler uttered the pretty note. Macanthemum canadense, Viola americana and Cornus canadensis carpet the woods with white, and Aspidodermis aculeata is in full flower, both the purple and the pure white forms that I found here in the early 80s. We continued on to Wheeler's bog where I saw two pairs of Redwings. It is a pretty spot for these nesting. Quiet and undisturbed. Innumerable damselflies of various kinds were darting about. They were beautifully colored. I captured one large one for Mr. Hervey. It was very abundant near the water. Returning we saw an Osprey soaring over our heads and down to the river, quite low down. A Shrike was feeding its young in the little bird house by the Mink house.

Shelburne, N.H.

1903

May 29

(2)

After dinner I went over to the Knubble to collect a few plants. I found in the grass near the foot several specimens of Urtica which I took. A beery was singing on the Knubble, as on the 28th, I found a number of plants of Habenaria Hookeri growing at intervals over the top and I took two.

The Crows were screaming overhead a good deal and Capture of as I was going down to the meadow I saw in a young Crow a tree some half way up the slope a young Crow well grown. It was about 15 feet up. By shaking the tree, I started the bird and, after flying clumsily to another tree, it scaled down to the ground just outside the Knubble where I picked it up. It made no resistance. In less than a minute there were twenty-five Crows yelling over my head. Such a racket! I walked home with my prize showed it to the family, and then returning to the center of the field thrust it up into the air. It flew about half way to the Knubble and then circled for the remaining distance and disappeared among the bushes. Twelve Crows screamed overhead during this performance.

There is a patch of Hieracium boreale in the field by the Knubble in full flower now. It is very attractive.

Camelina sativa, Crantz. In grass by Knubble
Androsace nevadica, Greene. "Open field by "
Habenaria Hookeri, R. Bruns. "Can the "
Hieracium boreale, R. & S. In open field by

Shelburne, N.H.

1903

May 30

Min. 44°, Max. 65° - Clear, very cool & windy.

This morning M. & I walked down to Wheeler's pond. A Blackburnian Warbler was seizing his little fry in the pines and on our return I saw him and watched him sing. At the pond I captured with my net a number of dragon flies of various species for Mr. Henshaw. Some were a rich blue, with wings folded along the back. One species that frequented the borders of the pond in great numbers was quite large and had white spots on the back.

We walked on to the foot of Cross Neck and found a sunny spot below the towering cliffs where we noted Blue Warblers, Myrtle Warblers, Junco, Redwing Bird, Green birds were singing & flying about us while in the woods close by a Hermit Thrush poured forth his rich music. We returned in time for dinner.

This afternoon I walked through the woods along some distance on the way to Berks & Pitchers. The woods were beautiful but very quiet. Lawrence's little Fox Denier, Raleigh went with me.

Right after breakfast this morning I exposed a plate giving the view from the house, and another at the Button Bushes in the backyard from the back door of the barn -

Shelburne, N.H.

1903
May 31

Min. 40° - Max. 68°. Clear, cool, bracing,
light breezes - An ideal day.

This morning Gus Philbrook & I took a walk
to Boulds & Pitches. It is through a very beauti-
ful wood where Maianthemum, Tricentalis and
Cornus canadensis carpet the ground with pure
white, among the fallen leaves and pine needles.
I heard the lazy drone of the Black-throated
Green Warbler, the sharp notes of the Scarlet
Tanager and the Yank, yank of the Red-
bellied Nuthatch. At the falls on Burbank's
Brook I took three pictures, one of them
being just above the falls, the other two
of the falls. This afternoon I rested
and towards 4 o'clock, we walked down to
the river where we watched the logs
drifting down stream. I captured on the Argemnis
bank a Mountain Silver Spot (Argemnis atalantis
atalantis) very much smaller than either
Cybele or Aphrodite. On our return we
stopped for some time watching and lis-
tening to the Bobolinks, Bank & Bank
Swallows. It is a treat to see so much
of these birds. I saw among them
a Tree Swallow, the first one I have
seen here.

Vicia cucullata, Nutt. Growing on the rocks
at Boulds & Pitches on Burbank's Brook.

Shelburne, N. H.

1903

June 1

Min. 38° - Max. 73° - Sunday from forest fires, rather warm, light clouds -

This morning M. & I walked over to the Post Office - At the bridge we watched the logs floating down the river and I took a picture looking up stream to Bald Leap. While trying to get a picture across the river of the bridge, a gust of wind unfortunately blew over my camera, with lens shutter out, and on the tripod. It fell lens forward, and was badly broken. It was most discouraging and I only hope that it can be mended properly. I have expressed it down to Rober-French Co and I await with deep interest their reply.

Camera broken!

Savanna Sparrows were singing in the meadow across the river and a large flock of Snow Buntings are building under the eaves of Morse's barn.

This afternoon we went over Mrs. Emerson's cottage - Mrs. Emerson & her sister Miss Clark left here this P.M. I finished reading Dorothy Vernon of Haddon Hall this afternoon - Mrs. Sheffield arrived on the afternoon train.

Shelburne, N.H.

1903

June 2 Min. 38 - Max. 72. A bright pleasant day light winds, rather warm in the afternoon, except for the smoke from forest fires over the mountains. In the afternoon the wind drove smoke from the smoke down the valley till merely the ghostly forest fire outlines of the mountains were visible and the sun was a lurid red. The evening more showy and red and finally disappeared from sight.

This morning Gus drove me to Gorham in an open buggy with a pair. We went by way of Dead Mine Bridge with its beautiful view. I saw very few birds on the way. The effects of the recent frost of May 23 were very visible along the way, where we saw Butternut trees absolutely withered in every leaf, and on the slopes of Mt. Haged where large brown patches scattered over the mountain side told of frost-bitten trees, leafless for this summer. In Gorham Brook Trout by the blacksmith's shop, in the center of a small lawn in pond. Adjacent to a small white house is an artificial pond some 15 feet across and from a few feet deep with clear fresh water from a mountain brook continually running in and out. In this pond are two large magnificent trout. The larger must have been 15 inches long. They had been there for at least three years.

I called at the cobbler's, Wesley Wright, to get some shoes mended. He is Gus's cousin, 60 years old, having lost a leg in his youth. He is a very interesting man and I had a long talk with him. Phelps' Brother lived at his house once and he has his photographs on the walls of his little shop -

Shelburne, N.H.

1903

June 2

(2)

Returning from Gorham we were approaching Lanius l. migrans home about half way between Lary's and the house when I saw a Migrant Shrike soaring over the interval a short way ahead of us. It alighted in the willows on the road side and I had an excellent view of it. This is the first time that I have ever seen this species. It soon left the willows and flew on to the plateau above where I lost sight of it.

Shelburne, N.H.

1703

June 2

(3)

In the afternoon we limited ourselves to a stroll over the interval to the river. The air was murky with smoke and the hills were dim, but the river with the floating logs and the wide stretch of flat meadow were very attractive. Two Spotted Sandpipers alighted on the top rail of a fence by the stream and I approached to within a very short distance and enjoyed their delicate plumage and dainty movements.

This evening we called on Mrs. & Miss Seader & Miss Smith at their cottage and saw many of Miss Seader's foreign photographs which she took abroad. As we were talking, suddenly the clear note of a Whippoorwill came ringing in from without. The bird had appeared right and we were expecting to see a Creeping Bittern coming to the back piazza and carefully opening it. I saw the bird sitting on the middle of the piazza, some ten feet from me. As I looked at him he rose and flew straight up ^{*Catherstonia vociferans*} catching an insect in a perpendicular line, head up and tail down, some eight or ten feet, seized an insect from the air and returned to his former resting place. He soon flew off, but returned, alighting in a few seconds on the corner of the piazza. A little later we stood by an open door and heard him sing a long time from close at hand. He uttered a faint chuck like a rap of the bill on wood, at the beginning of each phrase chuck-whippoorwill, chuck-whippoorwill, &c. The sound could not have been heard a short way off.

Shelburne, N.H.

1903

June 8

Min. 52° - Max. 76 - Very strong north-west wind -

It has been a most remarkable day. The forest fires are raging about seven miles north west of here on Pine Mt. beyond Mt. Hayes. The woods are afire near Berlin and at Alpine Cascade and the strong gale from these fires is carrying the smoke down the valley. It has grown thicker & thicker to-day till this afternoon at 5 o'clock you could not see over the river, and the sun, which had been hanging in the heavens like an eclipsed moon, with dull red light, vanished from sight, though there was not a cloud in the sky. I never knew such an experience. Gus & I drove over to the village about 4.30 P.M. and learned that the Profile House & Mt. Pleasant House were burned up. That, however, is doubtless false. This afternoon the smoke hurt our eyes.

In the morning I walked to the Minist house and through the intervals with some of the ladies, a-birding, but the smoke & wind was bad. Still we heard ^{a few} Blackburnian, Nashville, Myrtle, Warblers, Hairy, Spotted Towhees, Bobolinks, Bank & Barn Swallows, &c. - I added a Field-Sparrow to my list. We strolled over the intervals again in the afternoon -
Salix lucida, Muhl. By the creek in front of the house -

A Trip to Bethel, Maine.

1908

June 4

Ther. 41° - Max. 70° - No wind, smoke heavy but not as bad as yesterday -

The wind went down last night and we learn that the fires are being fought in Berlin & Gotham by 500 men. The air has been a little clearer to-day and the cinders have ceased flying. I picked up a good many of these floating black remnants of the flames, yesterday, and in every case they were either entire or fragmentary beech leaves.

This morning Gus, his two daughters Aria & Mary (Ethel is in Boston) & I took the morning train to Bethel to attend the graduating exercises of Howard at the Gould Academy. Gus & I kept together during the day, going over the chair factory, driving out of town some distance to see about getting some fence boards covered with lichens that Gus wanted to make picture frames of. dining at the Bethel House, sitting 2 1/2 hours at Gould Academy during the exercises etc. Howard spoke his piece very well, in fact, all the declaimers spoke with ease and a good deal of dignity. We returned on the afternoon train.

Gould Academy

My films that I sent down to Robey French Co. have come back, developed, and with one print. They are pretty good on the whole. I have not lost one and yet about my camera. I must hear to-day.

E. B. Rand writes regrets that I cannot be present at the B. S. Club meeting to-night.

This morning as we drove to the bird's, a Blue Jay screamed. This adds a new bird.

Shelburne, N.H.

1903

June 5 Min. 37° - Max. 72°. No wind, smoke everywhere, sun a lurid ball, no clouds. Faint outline of Baldcap only, visible.

This morning a party consisting of Miss Sewdell, Miss Smith, Mrs. Sheffield, Mr. Candee. Gus & I started over the ridge back of the house for Cabot. It was a pleasant ascent through the woods. Reaching the foot of Cabot, Miss Smith & I remained in an open spot among the trees, while the rest went on leaving us alone for two hours. It was a good place for birds and we found several. Colaptes a. luteus, Dryobates villosus, Contopus virens, Euphonia minimus, Bonasa umbellus ruber, (this farther from the path a little earlier). Zonotrichia albicollis, Dendroica caerulescens, Anthus hiemalis, Turdus n. swainsoni, T. g. pallasi. The first saw one very close to the Olive-backed Thrush and saw his Olive-backed sitting on a small branch very near by. I saw his Thrush king. olive back and his light eye-ring. He was perched on one leg, and he raised his head slightly as he opened his mandibles and purred out his song. It was quite our experience. The party returned home at 1 P.M. and we reached home to a late dinner.

This afternoon I drove over to the village with Gus, and examined the East Swallows under the eaves of Mark's Barn. There are 38 nests, a few of them completed, but most still building. The birds were coming and from a creek over the broad meadow. I watched them going to and fro. I heard a Savanna Sparrow in the meadow. Cardamine pensylvanica, Muhl., 1841, foot of Mt. Cabot.

Shelburne, N. H.

1903

June 6 Min. 46° - Max. 77° - No wind - When I have said no wind for the past week I have meant that no wind was perceptible, but the direction of the slight current of air in such cases has been always west or north-west.

During part of the day you could see little from the house beyond the creek, and never could you see more than the ghostly outlines of the foot hills of Moriah - Gas learned in Gorham this afternoon the fire on this side of the river which we feared the most was under control, and part of the gang there had been sent to Berlin.

This morning Mr. Candler, Gas & I went over the ridge back of the house and found my trowel which I had left behind yesterday. It was a delightful walk through the woods of beech, red maple, birch & pine - I was fortunate in getting my trowel - Mr. Candler found it, I added a Black and White Warbler to my list of Shelburne birds - Miss Davenport heard to-day a Purple Finch in the woods leading to Mill Brook.

This afternoon after reading I walked with Tall dead birch a short way down the road. Thirty Cedar Birds were perched on top. They were engaged in catching insects, sailing off at intervals and returning to their perch - Sometimes a dozen would be soaring over the meadow diving up and down like Swallows - I saw two, sitting close together, pass an insect to and fro six times. Then it dropped. Pretty fight. passing a Cow Bird & a Chestnut-sided Warbler joined the jump & fang. insect to each other.

Shelburne, N.H.

1903

June 7 Min. 45° - Max. 77° - Light east wind at
East. Thick as usual this morning, but during the
afternoon the smoke has cleared enough to show
the outlines of the mountains excepting the two
peaks, Madison & Adams. At 4 P.M. I could
not look into the sun with naked eye, as I
have been able to do the past few days -
No cloud -

This morning Miss Lighton & I took a walk
along the path to Foul & Pitchers near by to
Mill Brook. We saw about 33 species of
birds. An Alder Flycatcher was singing in the
Alders near Greene's and we saw an Olive-
sided Flycatcher for at least a quarter of an hour. ^{Contopus} borealis
He was on the top of a dead tree close by us, and
we watched him catching insects. He kept ut-
tering his pip-pip, pip-pip-pip, almost incessantly.
We saw a Solitary Vireo and listened to his song
for about fifteen minutes. We heard another later.
Three Blackburnian Warblers were sparring together
and a fourth was close by. We heard their song
twice. I saw my first Rose-breasted Grosbeak
and heard a Purple Finch. We heard the
Veery, Hermit & Olive-backed Thrushes continually. Cedar birds
Two Cedar birds sat on a Pine branch six inches apart, passing in-
One hopped to the other, gave it an insect, hopped back, ^{sees,}
then returning with it back and this pretty show was kept
up about 12 times.

This afternoon I strolled over the intervals, catching insects.
An Alder Flycatcher as singing by the Knubble. Loops
are floating by in large numbers.

Shelburne, N.H.

1903
June 8

Min. 65° - Max. 67° - Light east wind.
Rain at last!! Light rain this morning
early. From 9 to 1 o'clock cloudy but no rain.
Intermittent rain during the afternoon.

What a relief that rain has come at last.
May it continue long -

This morning Mrs. Sheffield, Miss Layton & I
went to walk on the path to Bowls & Pitches.
We spent nearly 3 hours in the woods and
saw or got many birds among them, the
Olive-sided Flycatcher again. He showed this time
the whitish-flank feathers conspicuously. We
saw and heard a Solitary Vireo and Broad-winged
Hawk, Blackburnian, Noddy, Black-throated Green,
Myrtle Warblers, adult male Purple Finch. We
heard a Partridge drum about six times.
Olive-sided backed & Wilson's Thrushes were sing-
ing constantly. In the Alder thickets, Empidonax t. aluorum was jerking out his
squeak note -

This afternoon M. & I walked down into the
interval and down the road to the school
house. It was quite wet -

Will Brewster writes me from Bethel, asking
me to come down on the 10th. He says "I have
a nest to show you very near the station - nothing
less than that of the Migrant Tanager with ^{the} pair of old
birds, an egg, & a young bird. All these I have just
seen. I have been watching the old birds ever since I
came but only found their nest this morning" -

Shelburne N.H.

1903

June 9

Min. 62° - Max. 70° - Light east wind, good rain for a portion of last night. Cloudy all day, no rain in morning, heavy rain in first half of afternoon. Forest fires are out or checked.

This morning Mrs. Sheffield & I had a very pleasant walk between 9.30 & 10 o'clock. We crossed the bridge and watched the logs floating down. In the interval Savanna Sparrows were very abundant, their little notes sounding from the grass. We saw a great many of the birds. They were very tame and we got close to them. For nearly half an hour we watched the Dove Swallows at Mike's barn. Then we crossed over to Clement's Brook and followed it to the River. It is a good place for birds, as it is bordered by bushes. We saw a pair of Red-wings, the female with food in bill. I was much pleased to see a Yellow Warbler that I first heard at the mouth of the brook. I then followed up at the mouth of the brook. I heard the song at least half a dozen times along the brook. I located three Catbirds along the river. That makes five places in all, three by the river, two in alders by the road. Returning by the railroad track we saw, seated in the telegraph wires close together six Swallows, three of them Banks, one Tree, one Dove a Cliff, & one Barn. It was a fine opportunity to study them from very close at hand.

This afternoon when the rain stopped M. & I walked down the road and through the Mink field. I collected two sps. of beetles (one a lady bug) that were on the blades of grass. A beefer Sparrow was singing, also four Veerys. Savanna Sparrows were singing in numbers this evening in front of the house.

I caught a small Wood Thrush by Clement's Brook.

Dendroica aestiva
Clement's Brook

Visit to Bethel, Maine

1903

June 10

Min. 64° - Max. 70° . Calm, cloudy, slight rain at intervals.

M. & I took the 8:30 train this morning to Bethel and spent the day at Dr. Schriber's and with Will Brewster. Arriving at 9 o'clock, M. drove up to the house while Will took me to see the family of the Migrant Shrike that he had discovered. It was a rare treat. The nest is in a very small elm about 10 or 15 feet up, built of sticks and close by the road. It is but a minute's walk from the station and I could actually see the nest as I stood on the platform at the station.

Will said there was a young bird out, and one egg toward a second set in the nest on Monday. He has made many interesting observations on the feeding of the young bird. As we approached the tree we saw the female bird sitting on the nest. We watched her for a moment and then walked down the road where we soon found the male bird feeding a chubby fat young one in a small maple. We watched them for nearly an hour. The old bird would rest on the fence or telegraph wire, and from there swoop gracefully down, catching an insect either on the wing, or after alighting. Then he returned and fed the young one. We saw but one young Shrike. The male bird was very handsome, the contrast of black, white and slate colors being very striking. His movements were very graceful, especially when he scaled on set

Visit to Bettel, Maine

1903

June 10 wing. The little bird I got to within 4 or 5 feet of (2) and could see him perfectly. His markings were much like the old bird's, but magnified. The vermiculations on the breast were beautiful. The bill was rather short and stout, with a slight hook. It was a funny little fellow as it hopped along the top rail of the fence. It could fly quite well, though it allowed us to approach very close to it. It fluttered its wings and cried as a young bird will when fed. Once we heard the male utter its song, a series of peculiar notes. Will found a Bluebird, Swallow and Pickering Frog impaled near by. These were all taken away or eaten. Once the Shrike flew up into a tall elm in the open field and as it entered it, a Robin hastily flew out, but we could not tell whether the Shrike was after it or not. Will showed me where the various creatures had been impaled or fastened to forks of branches. The whole performance was a rare sight.

Leaving this interesting adventure we waded up to the house where I met Dr. Mrs. Gehring and their numerous guests. They were very cordial. We spent the time about the house and grounds as the woods were very wet. Birds in Bettel, not observed here are Vireo pilosus, Progne subis, Quiscalus c. caryocarpus. Purple Finches were singing freely, while here I have heard but one. We visited a Martin House, opposite the Academy in a neighboring garden. It was made of

Visit to Bethel, Maine.

1903

June 10 sugar barrel. There were four stories with seven ^{Martin} holes in each story. The pole ran through the barrel in a wooden core fitted into the barrel.

It made a very attractive house. The holes were well filled with Martins that seemed to be feeding their young. English Sparrows occupied two holes and seemed at peace with their neighbors. Tree Swallows were in one or two holes. The house had been up 4 or 5 years.

A platform surrounded the house at each story.



The tin cap covers the top. The owner told us that he first put the wooden cylinder, through which the pole was to run, into the barrel. Then he fitted the partitions which ran from the side of the barrel to the cylinder and cut the holes. The idea is a novel one.

We had a very pleasant lunch at the Gehrings and at 4 o'clock we walked back to the station, Will accompanying us part way.

This morning as we were waiting at the Shelburne station for the train I saw two Bitterns arise from over the intervals at Clement's Brook and fly along some distance ~~over~~ the stream before they disappeared. I have not seen them before.



Shelburne, Vt.

1903

June 11 - Min. 64° - Max. 70° ^{all day} cloudy, calm, no rain.
 This morning I was rather tired after yesterday and I didn't so much wander near the knubble. I found a Red-wing in the creek in front of the house - I first heard him from my room. It is the first time that I have seen one there. I heard four Alder Flycatchers by the river and I had a nice chance to see the one in the alders by the dead birch just below us. I watched him for 10 or 15 minutes as he snuffed out, with a toss of the head, his little song - Two Veerys were singing joyously one on the Knubble and one in the woods between the Knubble and the road - A new bird to my list was Loxia c. minor, the Red Cross-Loxia c. minor bill of which I saw a flock of about six that alighted in an elm near the Goodale Cottage where we happened to be sitting.

Viburnum cassinoides is now in full flower by the Knubble - Two Field Sparrows were singing a broken song and in front of the Emerson Cottage a Vesper Sparrow was filling the air with snatches.

This afternoon M. & I took a walk a little way along the path to Birds & Pitches -

Yesterday a riverman found in the field between the Knubble and road a large Wood Turtle marked underneath "A.E.P. '92". I was remembering distinctly doing this in front of the house at that time. He marked on it "W.D. '03" and let it go again. I wonder if it will be found some years hence -

Shelburne, N.H.

1903

June 12 Min. 60° - Max. 62° . Heavy rains at intervals during the night and morning. Soaking rain all the afternoon and evening.

The heavy rains have kept us at home.

This morning M. & I walked as far as the Scudders and made a call. Miss Vida Scudder ^{Excellent photos with a \$10 camera} showed me her beautiful photographs taken in Italy & Switzerland with a \$10 camera, one stop, snap shot. She also lent me the Outlook for June 6 with an article by her, illustrated by her own photographs taken as above, some of them enlarged - It is a delightfully written article and the illustrations most excellent -

In the middle of the morning as I was sitting ^{by the window} looking ^{at the window} a flock of about 25 Red Crossbills flew chattering up from over the intervals in the house and alighted in the elms directly in front of the front door. They were well hidden among the leaves, but I saw a very nice very well. They did not stay long. Returning from our call at the Scudders, I saw two more.

I have read and written letters during the day -

Shelburne, N.H.

1903
June 13

Min. 56° - Max. 59° . Wind still east. Rain all the morning, misty with slight rain in the afternoon clouds hanging low.

Floods and washouts the order of the day - Also the big jams of logs at the bridge. We have had quite an exciting day - Last night by ten o'clock the interval between the house and river was largely covered with water. We saw it from our windows. This morning a number of large logs were seen deposited over the interval, the water having gone down somewhat.

The creeks are all very full and Calvert Brook near the river was a torrent. It was a remarkable sight. After breakfast Gus took a party of us in the big wagon to see the sights.

We drove first to the bridge and there we saw two enormous jams of logs, against two of the piers. The "chalking boys" said there were from ^{like upward said 1,000,000 ft} five to ten hundred ^{feet} deep and feet. They were piled upon each other in great confusion. In one the logs projected five or ten feet above the level of the bridge which is at least ten feet above the water. It was tremendous. The rivermen were beginning to work on one jam, but we drove on, as we showed her it later. We took the road to Gorham and after going over terribly washed out roads came to Rattle River. Here the bridge was washed away and the brook which in the night swept over the road was still a raging torrent. Returning we watched the rivermen a while breaking up the jam.

Shelburne, N.H.

1903

June 13 but we had to get home to dinner so we did not
 (2) stay long. After dinner I went to the bridge
 again and staid from quarter of three to quarter
 past six, watching the movements of the men
 and it was most exciting - Ten men with
 peavies or cant dogs were at work in the jam
 nearer this side and two men were in the long
 pointed boat with long pointed poles ready to give
 assistance. The men were working with a will
 hauling, prying, rolling the logs, and running about on
 them as they were even floating free with perfect
 ease. Sometimes a whole section of the jam would
 slowly settle. Then it was exciting. The men were
 shouting and running to get out of the way, and then
 springing upon the logs and guiding them on
 either side of the iron pier of the bridge. The
 jam rests on the bottom of the river, for after it
 gets started against the pier or any other obstruc-
 tion, the logs get jammed more and more by those
 coming after, and pressed up & down. Once two or
 three of the men slipped in between the logs up to
 their waist, but it does not take long for them to recover,
 for the logs have great crushing power although
 moving slowly. At last it was near supper time
 and I returned home.

Shelburne, N.H.

1903

June 14 Min. 54° - Max. 61° - Clear brilliant day! first since June 1 Am. Changing clouds in Pm.

It has been a rare treat to get at last so beautiful a day, mild, almost calm, with air clear and bright. We have spent the entire day on the bridge watching the rivermen at work on the second jam. I don't know when I have passed a more interesting time. This jam was piled against the pier several feet higher than the bridge itself and extended under the bridge and out the other side. It ran back a long distance back. Mrs. Grandgent who is here insisted upon my using one of her cameras which holds a 4x5 plate, and during the day I took twelve pictures of the jam and the men in various positions. It is astonishing to see the speed with which the men work with axe and cant dog in that mountain of logs piled up and lying in every conceivable direction.

They will probably start the whole pile off to-morrow - The "walking boss", a Mr. Hickey, told me that the men work from 5 Am. to 7 Pm. They rise at 4.30 and breakfast hastily, have a lunch at 9, dinner at 2 and supper after work. Lunch & dinner are hurried through. The men get \$2.25 per day and board & lodging. They have plenty of first class food - Sunday with the rivermen is a working day -

Crossbills (*Loxia c. minor*) passed over the bridge three times to-day - I heard a Oriole by the house this morning.

Shelburne, N.H.

1903

June 15 Min. 54° - Max. 58° . Cloudy, chilly and rainy at intervals through the day. Calm.

Good weather has not yet come. This Am. M. & I walked down to the bridge. We found there the Bros. Mr. Hickey and Larry Howard. Work on the jam has stopped for the present as work farther up the river was more important. About two hours work was done this morning and a portion of the jam was blown up with dynamite. I had a long talk with Hickey and Howard. This drive started at Lake Umbagog and consists mainly of Spruce and Poplar a Poplar as it is called here. The rest is made up of Pine (P. Strobus), Fir and Hemlock. The Pine is classified as Pine & Pasture Pine, the latter being the scrubby pasture form, branching low down and much inferior in quality. It is these kinds of trees that are piled up in the jam. The poplar is all peeled. Gus says that the men this year are getting \$2 per day with board and lodging. He has shown me some contracts made between him and various Lumber Companies for the delivery of lumber either either at Berlin or into the Androscoggin River. The afternoon was too stormy to be out with any comfort. I have read and written letters.

Yesterday a Hecox log was ~~lost~~ very near the bridge on the road in the interval on this side

Shelburne, N.H.

1903

June 16 Min. 52° - Max. 60° . Bright clear, sunny Sun.,
cloudy P.M., almost calm, wind west - A good day.

This morning the Misses Davenport, Mr. & I
walked down (or up) to the bridge. Larry (Lawrence)
Howard was the only one there. The logs least
caught on the gravel bar just below the bridge in the
center current and had backed up above the bridge.
Howard was building a wing out, as the logs came
down, so as the force the logs down the center current
as they jammed in the center current. We had ar-
ranged with Howard to come to the bridge when the
sun shone, to get some pictures of him on a log.

Three times he walked up the bank to the end of
the jam, pushed a big log out into the stream,
jumped on it and came down in the current to-
wards us, once standing, once sitting, and once
lying flat on his back, while we from the
bridge took snap shots of him. Howard landed
either on the drift of logs or on the bank. Then
he let me photograph him in the batteau, holding
a cant dog in one hand, and the pointed pole in
the other. I took another picture of Howard, who is
a very nice fellow, by a pile of logs. All these
pictures have been taken with Mrs. Truogent's
camera and I have no idea what the results
will be.

This afternoon I went down to the bridge
again and descended over the bridge down the
ladder, into the batteau and from there on to
the logs. Howard was there and with him
I walked out on the floating raft in

Shelburne, N.H.

1903

June 16
(2)

every direction. I went under the bridge and down to the island and saw how a jam begins. Then I spent some time studying the logs with Howard and I finally got pretty well acquainted with them in the forms they showed. They were as follows:—

White Pine. The bark was always on, though often much scarred and scraped.

Red Spruce. Easily recognized with bark on. The bark was often gone, and the log superficially resembled Poplar, but the knots are very different and the log is straight.

Fir. There was always some bark on the logs, making identification easy, many were much scarred and peeled.

Hemlock. We saw but two logs, both peeled.

Poplar. Always peeled, otherwise it would get water logged and would sink. Rarely straight.

The knots render identification easy.

These species compose the drive. The bulk consists of Spruce & Poplar or Poplar.

Howard took me in the battery to the main jam and we climbed to the top of it, examining the lay of the logs. The general direction of the logs is across the river. They ~~point~~ ^{lie} in every direction from horizontal to perpendicular.

I found and collected quite a number of beetles that were crawling on the floating logs.

I captured today the Tiger Swallowtail and Mountain Silver Spot, and heard this morning singing close by the house a Warbling Vireo.

Vireo gilvus

Shelburne, N. H.

1903

June 17

Min. 48° - Max. 58° - Cloudy with intermittent showers all day -

It has been a chilly disagreeable day and I have not been out very much. This morning Mr. & I walked up the road as far as Katie Burgess's cottage where we called. Katie used to work for ^{J. B.} Mr. Greenack. I collected quite a number of insects, beetles mainly. Near Mr. Leighton's house just above here. I heard a Pine Warbler, Nashville Warbler and Solitary Vireo. The Alder Flycatcher was singing in the Alders by Green's and farther on a Veery was singing on either side of the road and a vesper sparrow made beautiful music. This afternoon a Hermit Thrush was singing in the woods behind the house. I hear more Veerys & Olive-backs than Hermits -

My camera at last arrived to-day, but so poorly packed that the ground glass is in bits. The frame will be sent back to-morrow. It was outrageous. A bit of thin corrugated paper was wrapped about it and a bit of gum paper about that. No mark Glass was on the label. I cannot imagine greater stupidity on the part of the packers. When shall I have the camera in perfect order - I am afraid now that the inner lens that was in contact with the broken glass may have been scratched but I hope not -

I collected to-day -

Antennaria canadensis L. var. *canadensis*
Senecio Roburii C. A. K. S.

Fraxina virginiana Mill

dry places. open -
Sunny ground -
meadow -

Shelburne, N.H.

1903

June 18 Min. 53° ~ Max 58°, Light east wind, heavy clouds, rain in P.m. at intervals.

It has been another cold disagreeable ~ This morning it did not rain, and Mr. & I walked down the road about half a mile beyond Wheeler's.

vesper Sparrows were singing almost during the whole of our walk. At Wheeler's Pond a Bittern fly over us and alighted in the Leather leaf (Cissampelos calyculata) that surrounds the pond.

I saw him, after he had alighted, with extended neck. In a stump in a field near the road, a short distance beyond Wheeler's we found a pair of Tree Swallows feeding their young in a Woodpecker's hole some 20 ft. up. It was a pretty sight. A little farther down the road I heard Myiarchus cinerascens the call of a Crested Flycatcher and I soon saw him in some Pines. He called a number of times and as he flew off he displayed his sulphur yellow throat. Veerys & Hermit were singing and we heard a Blackburnian & Nashville Warblers and a number of other species.

This afternoon Gus & I drove up to Steven's farm and on the return drove down into the meadow just below Lead Mine Bridge to the edge of the biggins. The men were working farther on but it was too wet to get there. We shall take a dry day for it. The number of logs piled up there is enormous.

I have at last secured Piner. hex. for May, Amer. Mus. 1888, from Mr. William Stone. I have been trying for long 1888 to complete Will Brewster's set for about 7 years now!

Shelburne, N.H.

1903

June 19

Min. 48° ~ Max. 65°. Cloudy light showers in Am., clouds breaking in P.m. with more or less sun -

This morning M. & I walked over to the village. We spent some time at the bridge, both going and returning, talking with Larry Howard and watching him handle the logs. He has built out a boom of logs so that all those now floating down go through the channel nearer this shore. The end of the drive is only barely this side of Gorham and there is so much to be done above here, that doubtless we shall miss the big work done here later when the whole gang of men & horses are here, and the warpan is pitched close by.

This afternoon I walked down the road with Miss Loughton. At Minot's we saw a Great Blue Heron sailing over our heads and descending to the river. As long as we saw it, it held on set wings without a motion. The distance was some 600 yards. It was a peaceful performance.

Miss Loughton played the violin very beautifully this evening. Miss Davenport accompanied her.

I learned from Gus this evening as we sat around the fire that the drive of logs stops at Berlin where some are removed, and then it passes on to Rumfolt Falls its final destination. They, the logs, are sorted into three booms representing the three companies who own them,

Then they go right into the mills and are ground for pulp for paper. What are left over when winter comes are stacked in piles to be cut during the winter. Gus says that this drive as it lies to-day is worth over \$700,000.

Camp Campfire (Tennel), Dry ground -

Shelburne, N.H.

1903

June 20 Min. 53° ~ Max. 68° - Wind east, cloudy, sun breaking out a few times towards noon for a few moments - Heavy clouds and mist in P.M.

This morning Miss Loughton, Mr. Chandler, Gus & I drove up to Head Mine to the big jam, a little below the bridge and spent a couple of hours there. The jam was a tremendous one at least 1000 ft. long a few days ago. Even now it is enormous "plugging" two channels of the river, resting on the bottom and rising some 10 feet above the water, extending several hundred feet in length. The workers went on it to the front and watched first the men working with horses. The horses stood in the water up to their middle and a man sat on the back of one. A chain with "dog" on the end was used, two chains being attached to the horses. The "dog" was hammered into the log to be drawn out, and sometimes two logs were hauled away at once.

Log jam
below
Lead Mine
Bridge.

The "dog" is released by a single blow of a "cant dog," "dog" ~~at the end of the log~~ at 1. It is a very clever arrangement.

The "dog" is laid first on the log thus: ~~as it is~~ then, as it is driven in by a few strokes of a big mallet, the straight end rises thus: ~~and~~ rendering the releasing of it easy.

We also watched the gang in another part of the jam. It was fascinating and I could hardly get away. They will be about three weeks up there. We returned over Lead Mine Bridge. The Rattle River bridge is finished -

This P.M. M. & I went over to our bridge and had a talk with Larry Howard who is in guard there.

Celastrus scandens, L. River banks, foot of the jam

Shelburne, N.H.

1903

June 21 Min. 51° ~ Max. 56° - Easty storm, continuous rain all day, excepting for a short intermission in the P.M.

Sunday - Never was there such weather - We have kept the house to-day, excepting for a walk in the P.M. when M. & I went down the road to just this side of Wheeler's. The rain fell all the time. A Hermit Thrush and two Veerys sang in spite of the storm.

When I was talking with Harry Howard at the bridge yesterday, he said that at about noon and young, of that day he saw a Black Duck with a brood of about ten young ones appeared on the river near the bank below the bridge on the north side where the trees overhang and touch the water. They went swiftly down stream on seeing him. Black Duck
June 20.

Shelburne, N. H.

1903

June 22 Min. 49° ~ Max. 67° . Pleasant day, no rain, wind east, slight, sun & cloud alternating in the ^{and} ~~afternoon~~ ^{the} P.M.

This morning at 7 o'clock, the report came through the house that there was a deer in the interval. Rushing to our windows which command an extensive view over the broad expanse stretching from the house to the river, we saw a fine full grown buck feeding in the short grass directly in front of us about two hundred yards off. Our glasses gave us a perfect view of him. His antlers were about a foot long and in the velvet, and his hair was very red. He looked to me nearly as large as a cow. Howard & Ralph were walking in front of the house but he paid ~~no~~ attention to them beyond raising his head and looking up towards the road at intervals. He grazed a moment and then walked on, shaking his beautiful tail. We saw him for full ten minutes before he passed out of sight behind the alders & birches that skirt the end of the Knubble. All his actions were slow and graceful.

After breakfast a party of us drove with Gus to the big jam below Lead Mine Bridge and spent the morning there. It is always exciting. About thirty ^{logs are} men were working like beavers. One fellow got left on a log that was stuck some way from the jam. They sent him a log and springing upon it he rode some distance down stream through some rapids and landed on a pile of logs below. It was good work. I took a heap of him and a few other views also.

Took a walk with Mr. Hin P.M. catching a few insects.

Finished Cuisinot's Rockwood this P.M.

Shelburne, N.H.

1903

June 23

Min. 51° - Max 59°. No rain. wind east, chilly.

(1)

Sun & cloud alternated during the Am. Cloudy P.M.

This morning M. & I walked down the road, collecting insects for Mr. Henshaw. I took several specimens of Calliphora ^{atlantica}. I found that by swinging the net to & fro over the grass & shrubbery I got many insects that I could not get otherwise.

This afternoon I found an old Migrant Shrike Lanius l. ^{nigrans} feeding three young on the plateau west of the house among the apple trees that are scattered over it. ad + 3 yg.

The young birds could fly very well and did not allow an approach nearer than about forty or fifty feet. They were continually calling and the sound was audible across the plateau, about one hundred yards. Sometimes they alighted on the ground and seemed trying to find food for themselves. I watched them for some time. The old bird remained near by perching either on the lipelm near the Soddale Cottage to the east or on the fence rail or on a small pile of grass that had been recently cut. Finally the birds fled down near the road, but later returned - Mrs. Chas. H. Grandcut who is in the cottage, ^{The Little House,} called [^] tells me that she saw the two old birds on the 21st and three young on the 22^d. Miss Helena S. Dudley who is visiting the Soddale Tells me that she heard the young birds on the 21st and saw all three sitting in a branch together on the 22^d. In both cases the locality was where I saw them.

Shelburne, N.H.

1903
June 23
(2)

In the latter part of the afternoon I strolled by myself through the pasture behind the Scudder Cottage and a short distance into the woods on the old path that we used to take when we were ascending Mt. Cabot. I saw my first Parula Warbler in these woods - Growing Pine Warbler by a cool small pool were a few plants of which I took

<i>Cornallorhiza innata</i> , R. Br.	}	Rich woods by
<i>Carex intumescens</i> , Ruge.		cool pool.

I then visited the Presidential platform which I've built some few years ago just within the woods. By the judicious pruning of a few trees, a splendid view is afforded of the big mountains from Madison to Washington.

Shelburne, N.H.

1908

June 24 Min. 52° - Max. 57° - Wind east. Sun came out for a short time this am. but heavy clouds soon covered the sky and descended over the mts. Rain during the P.M.

I vainly thought we should have a sunny day early this morning but the record above shows the result.

I took a photo. from Sunset Hill after breakfast and then visited the young Shrikes who were calling loudly among the trees on the plateau. The old bird ^{was} ^{there} ^{too}. I have seen but one adult bird.

Though the clouds were beginning to cover the sun, I took three snaps at two young Shrikes, two of them at the same bird in the same position. I only want to show that I saw the bird. We hunted all about for the nest but did not find it.

We took a walk down the road this P.M. but the rain drove us home. I watched a brood of young Barn Swallows being fed by the old birds. There were five young birds and they were perched above a window of the shed, four being on the sill above the window, and the fifth on the blind. They were fed in this order.

- No. 1, on the left of the row, first,
- " 2 next bird, second,
- " 3 " " Third, and No. 1 was fed immediately after by old bird before leaving.
- " 4 " " fourth, and No. 1 was again fed immediately after by old bird before leaving.

Then the young birds began to change places and the count was lost.

Shelburne, Vt. H

1903

June 25 Min. 49° ~ Max. 58°. Wind still east, clouds heavy all day, rain in the morning - Chilly.

We spent most of the morning in the house - Later M. & I walked down the road past the Minard (not hint) place - I saw a female Downy Woodpecker feeding a young female. Chipping Sparrows were singing and a Veery was making good music.

This afternoon I visited the young Shrikes. I Lanius l. found all three in the old place but didn't see the migratory old bird. I watched the young for some time.

They are learning to feed themselves, fly down into the grass and picking out insects.

I then walked down to the river which is now very low, and large numbers of logs are stranded high and dry. They will all be hauled off later but we must go home on the 29th June.

Shelburne, N. H.

1903

June 26 Min. 52° ~ Max. 68° . Wind west at last. Rather cloudy in A.M. clearing in P.M. with much sun.

This has been a beautiful day - This morning I took a walk with a small party (Miss Loughton, Miss Emerton, Miss Ripley & Jack Wright) over the river, through the village and over the meadow to Clement's Brook. We followed up the brook some way and rested in a beautiful spot by a clear pool - It all reminded me of the times when we used to frequent the brook as boys in the 60s. I hadn't been there since. I saw Carthamus in the meadow and a number of Attantis.

This afternoon a party of us drove to the wagon by "Wagon" the river on the further side a little above Charles ^{beltho} Lead Mine Philbrook's. It is in the interval very picturesquely situated. Bridge ated close to the water. There are four sleeping tents a tent for storing and keeping the food and a table with a fly over it - where the food is served.

The cook was very polite to us, as also the cookee. He inspected everything, saw large orders of custards, hot, piles of cakes, doughnuts, etc. The cook put a big pot of beans into a hole where a fire had been burning and covered it with hot ashes. I took 6 pictures, snaps with my new camera. In the sleeping tents a long thick blanket run the length on either side and folds over the men.



24 men slept in one of the tents. The end of the drive is a short way above the wagon.

I saw Hiracium aurantiacum in two places in Shelburne to-day.

Shelburne, N. H.

1903

June 27 Min. 50° - Max. 70° - Wind var. - Clear with scattered clouds. An ideal day -

This morning a party of us with Gus drove off for the day. We first visited the camp or wangan where we went yesterday and took a few pictures. The head cook was there and I found he was Tiddwell who had cooked to long for Will Brewster. I had a nice talk with him. The then drove farther up the road and down over the interval, fording a bit of the river to an island where there burst upon us the whole scene of the real drive, logs, men & horses hard at work. To get a good view we found that we had to cross the main river, and two rivermen took us over in the batteau. Then we were close against the big jam and we walked out over it to where the men and horses were working. There were fifty five strong, stalwart men and eight pair of horses and the jam was rapidly eaten into. The whole scene was wonderfully picturesque. I took a few pictures, all snaps. I had a good talk with four rivermen. Next all the time as they are, they seem to suffer no harm (one fellow has worked for sixty five ^{days} consecutively including Sundays, standing in the water so much of the time, and had ^{been} perfectly well all the time. We had a very pleasant picnic dinner under the trees at the end of Stevens Farm, Gus having driven round and got home a little after 5 P.M.

"Wangan"
below
Lead Mine
Bridge

Log jam
below
Lead Mine
Bridge

Shelburne, Vt.

1903

June 28

Min. 45° ~ Max. 75°. Clear with scattered clouds. Warm, a glorious day. Sunday -

This has been our last day here in this beautiful spot. It has been an ideal day. We have staid about the house most of the time, taking a walk down the road in the afternoon. The sun was quite warm.

This morning we arranged against the barn a pick pole, cant dog, axe and pair of caulked shoes, making the outfit of a riverman. I took two time exposures with plates and hope for good results.

Some of my pictures have come back from Boston and they are rather satisfactory. They are at least suggestive of the gains and the work that was going on there. They are rather dark and I hope it is in the printing.

We took tea with Mrs. Scudder, Miss Scudder, Miss Dudley & Mrs. Smith and had a very pleasant evening. As we were walking through the pasture after tea, Rolly, the dog, who followed us, came out of the woods with his mouth full of hedgehog quills. I took him home and they were all extracted by pulling with the fingers and with pincers. I have never seen this before. Rolly bore it well.

Mr. Post showed me to-night through his telescope, "the new moon," Venus a crescent, & Cygni a beautiful double star one orange, one blue.

Shelburne N.H. to Cambridge, Mass.

1903

June 29

We left Shelburne ^{and on} this by the 8.30 train. The mists were rising from the mountains and the sun was out, and we longed to stay. Everybody bade us a cordial good bye. We had a very comfortable ride in a parlor car straight through to Boston. Miss Loughton accompanied us as far as Portsmouth where she left us on her way to the Isles of Shoals. She is a cousin of Roland Thaxter. Her father was Cedric Loughton - I well remember her grandfather when he appeared on the hotel piazza and blew a long horn to summon his guests to meals - I was a boy then. Oscar & Cedric were boys there then I remember them.

We reached home by 4.42 P.M.

Shelburne, N. H.

1903
May 27
June 29

List of birds observed in Shelburne, New Hampshire, between May 27 and June 29, in the valley or on the adjacent slopes.

1. Anas obscura May 28^r Androscoggin River.
2. Botaurus lentiginosus June 10² Clematis Brook 8.30 A.M. ^{Muskeget Pond} 18^r 1, alighting in ^{Calloway}
3. Actitis macularia May 28³ 4th River 29¹⁰ 31^{1/2} 31^{1/2} June 1¹⁰ 2¹⁰ 3¹⁰ 7¹⁰ 9¹⁰ 13² 14² 15² 16² 17² 18² 19² 20² 21² 22² 23² 24² 25² 26² 27² 28² 29² 30² 31² All by the Androscoggin River.
4. Bonasa umbellus subsp.? June 5^r 8^r ¹⁰ 11^r ¹² 13^r ¹⁴ 15^r ¹⁶ 17^r ¹⁸ 19^r ²⁰ 21^r ²² 23^r ²⁴ 25^r ²⁶ 27^r ²⁸ 29^r ³⁰ 31^r ³² 33^r ³⁴ 35^r ³⁶ 37^r ³⁸ 39^r ⁴⁰ 41^r ⁴² 43^r ⁴⁴ 45^r ⁴⁶ 47^r ⁴⁸ 49^r ⁵⁰ 51^r ⁵² 53^r ⁵⁴ 55^r ⁵⁶ 57^r ⁵⁸ 59^r ⁶⁰ 61^r ⁶² 63^r ⁶⁴ 65^r ⁶⁶ 67^r ⁶⁸ 69^r ⁷⁰ 71^r ⁷² 73^r ⁷⁴ 75^r ⁷⁶ 77^r ⁷⁸ 79^r ⁸⁰ 81^r ⁸² 83^r ⁸⁴ 85^r ⁸⁶ 87^r ⁸⁸ 89^r ⁹⁰ 91^r ⁹² 93^r ⁹⁴ 95^r ⁹⁶ 97^r ⁹⁸ 99^r ¹⁰⁰ 101^r ¹⁰² 103^r ¹⁰⁴ 105^r ¹⁰⁶ 107^r ¹⁰⁸ 109^r ¹¹⁰ 111^r ¹¹² 113^r ¹¹⁴ 115^r ¹¹⁶ 117^r ¹¹⁸ 119^r ¹²⁰ 121^r ¹²² 123^r ¹²⁴ 125^r ¹²⁶ 127^r ¹²⁸ 129^r ¹³⁰ 131^r ¹³² 133^r ¹³⁴ 135^r ¹³⁶ 137^r ¹³⁸ 139^r ¹⁴⁰ 141^r ¹⁴² 143^r ¹⁴⁴ 145^r ¹⁴⁶ 147^r ¹⁴⁸ 149^r ¹⁵⁰ 151^r ¹⁵² 153^r ¹⁵⁴ 155^r ¹⁵⁶ 157^r ¹⁵⁸ 159^r ¹⁶⁰ 161^r ¹⁶² 163^r ¹⁶⁴ 165^r ¹⁶⁶ 167^r ¹⁶⁸ 169^r ¹⁷⁰ 171^r ¹⁷² 173^r ¹⁷⁴ 175^r ¹⁷⁶ 177^r ¹⁷⁸ 179^r ¹⁸⁰ 181^r ¹⁸² 183^r ¹⁸⁴ 185^r ¹⁸⁶ 187^r ¹⁸⁸ 189^r ¹⁹⁰ 191^r ¹⁹² 193^r ¹⁹⁴ 195^r ¹⁹⁶ 197^r ¹⁹⁸ 199^r ²⁰⁰ 201^r ²⁰² 203^r ²⁰⁴ 205^r ²⁰⁶ 207^r ²⁰⁸ 209^r ²¹⁰ 211^r ²¹² 213^r ²¹⁴ 215^r ²¹⁶ 217^r ²¹⁸ 219^r ²²⁰ 221^r ²²² 223^r ²²⁴ 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1021^r ¹⁰²² 1023^r ¹⁰²⁴ 1025^r ¹⁰²⁶ 1027^r ¹⁰²⁸ 1029^r ¹⁰³⁰ 1031^r ¹⁰³² 1033^r ¹⁰³⁴ 1035^r ¹⁰³⁶ 1037^r ¹⁰³⁸ 1039^r ¹⁰⁴⁰ 1041^r ¹⁰⁴² 1043^r ¹⁰⁴⁴ 1045^r ¹⁰⁴⁶ 1047^r ¹⁰⁴⁸ 1049^r ¹⁰⁵⁰ 1051^r ¹⁰⁵² 1053^r ¹⁰⁵⁴ 1055^r ¹⁰⁵⁶ 1057^r ¹⁰⁵⁸ 1059^r ¹⁰⁶⁰ 1061^r ¹⁰⁶² 1063^r ¹⁰⁶⁴ 1065^r ¹⁰⁶⁶ 1067^r ¹⁰⁶⁸ 1069^r ¹⁰⁷⁰ 1071^r ¹⁰⁷² 1073^r ¹⁰⁷⁴ 1075^r ¹⁰⁷⁶ 1077^r ¹⁰⁷⁸ 1079^r ¹⁰⁸⁰ 1081^r ¹⁰⁸² 1083^r ¹⁰⁸⁴ 1085^r ¹⁰⁸⁶ 1087^r ¹⁰⁸⁸ 1089^r ¹⁰⁹⁰ 1091^r ¹⁰⁹² 1093^r ¹⁰⁹⁴ 1095^r ¹⁰⁹⁶ 1097^r ¹⁰⁹⁸ 1099^r ¹¹⁰⁰ 1101^r ¹¹⁰² 1103^r ¹¹⁰⁴ 1105^r ¹¹⁰⁶ 1107^r ¹¹⁰⁸ 1109^r ¹¹¹⁰ 1111^r ¹¹¹² 1113^r ¹¹¹⁴ 1115^r ¹¹¹⁶ 1117^r ¹¹¹⁸ 1119^r ¹¹²⁰ 1121^r ¹¹²² 1123^r ¹¹²⁴ 1125^r ¹¹²⁶ 1127^r ¹¹²⁸ 1129^r ¹¹³⁰ 1131^r ¹¹³² 1133^r ¹¹³⁴ 1135^r ¹¹³⁶ 1137^r ¹¹³⁸ 1139^r ¹¹⁴⁰ 1141^r ¹¹⁴² 1143^r ¹¹⁴⁴ 1145^r ¹¹⁴⁶ 1147^r ¹¹⁴⁸ 1149^r ¹¹⁵⁰ 1151^r ¹¹⁵² 1153^r ¹¹⁵⁴ 1155^r ¹¹⁵⁶ 1157^r ¹¹⁵⁸ 1159^r ¹¹⁶⁰ 1161^r ¹¹⁶² 1163^r ¹¹⁶⁴ 1165^r ¹¹⁶⁶ 1167^r ¹¹⁶⁸ 1169^r ¹¹⁷⁰ 1171^r ¹¹⁷² 1173^r ¹¹⁷⁴ 1175^r ¹¹⁷⁶ 1177^r ¹¹⁷⁸ 1179^r ¹¹⁸⁰ 1181^r ¹¹⁸² 1183^r ¹¹⁸⁴ 1185^r ¹¹⁸⁶ 1187^r ¹¹⁸⁸ 1189^r ¹¹⁹⁰ 1191^r ¹¹⁹² 1193^r ¹¹⁹⁴ 1195^r ¹¹⁹⁶ 1197^r ¹¹⁹⁸ 1199^r ¹²⁰⁰ 1201^r ¹²⁰² 1203^r ¹²⁰⁴ 1205^r ¹²⁰⁶ 1207^r ¹²⁰⁸ 1209^r ¹²¹⁰ 1211^r ¹²¹² 1213^r ¹²¹⁴ 1215^r ¹²¹⁶ 1217^r ¹²¹⁸ 1219^r ¹²²⁰ 1221^r ¹²²² 1223^r ¹²²⁴ 1225^r

Shelburne, N.H.

1903

a = abundance

w. = Whelan's pond

i = in transit.

23. Dolichonyx oryzivorus May 27⁶ 28^{abundant} 29^{abundant} 30⁴ 31⁶ June 1⁶ 2¹²
^{3³} 4¹² 5⁵ 6¹² 7¹² 8⁴ 9¹² 10¹² 11¹² 12¹² 13¹² 14¹² 15¹² 16¹² 17¹² 18¹² 19¹² 20¹² 21¹² 22¹² 23¹² 24¹² 25¹² 26¹² 27¹² 28¹²
24. Agelaius phoeniceus May 28⁸ 29² 30⁸ June 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸
25. Icterus galbula June 14¹² (seen on June 14¹²)
26. Carpodacus purpureus June 7¹² 8¹² 9¹² 10¹² 11¹² 12¹² 13¹² 14¹² 15¹² 16¹² 17¹² 18¹² 19¹² 20¹² 21¹² 22¹² 23¹² 24¹² 25¹² 26¹² 27¹² 28¹²
27. Loxia c. minor June 11¹² 12¹² 13¹² 14¹² 15¹² 16¹² 17¹² 18¹² 19¹² 20¹² 21¹² 22¹² 23¹² 24¹² 25¹² 26¹² 27¹² 28¹²
28. Astragalinus tristis May 27⁸ 28⁸ 29⁸ 30⁸ 31⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸
29. Poocetes gramineus May 29⁸ 30⁸ 31⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸
30. Ammodramus o. savanna May 28⁸ 31⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸
31. Zonotrichia albicollis May 30⁸ 31⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸
32. Spizella socialis May 27⁸ 28⁸ 29⁸ 30⁸ 31⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸
33. Spizella pusilla June 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸
34. Junco hyemalis May 29⁸ 30⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸
35. Melospiza melodia May 27⁸ 28⁸ 29⁸ 30⁸ 31⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸
36. Zamelodia ludoviciana June 7⁸ 8⁸ both times in woods by both lakes to Bould & Pitchers
37. Cyanospiza cyanea May 27⁸ 28⁸ 29⁸ 30⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸
38. Piranga erythromelas May 31⁸ woods on path to Bould & Pitchers
39. Hirundo erythrogaster May 27⁸ 28⁸ 29⁸ 30⁸ 31⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸ 29⁸ 30⁸ 31⁸
40. Tachycineta bicolor May 31⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸ 29⁸ 30⁸ 31⁸
41. Petrochelidon lunifrons June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸ 29⁸ 30⁸ 31⁸
42. Riparia riparia 27⁸ 28⁸ 29⁸ 30⁸ 31⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸ 29⁸ 30⁸ 31⁸
43. Ampelis cedrorum May 28⁸ 29⁸ 30⁸ June 1⁸ 2⁸ 3⁸ 4⁸ 5⁸ 6⁸ 7⁸ 8⁸ 9⁸ 10⁸ 11⁸ 12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸ 29⁸ 30⁸ 31⁸

- 43 birds taken May 27
 43 among apple trees and
 25 willows by S. white cottage, 24 25 26
 44. Lanius l. nigrans June 2¹ in the willows near the barn. 20' above Philadelphia
 45. Vireo olivaceus May 27⁷ 28⁶ 29⁶ 30⁶ 31⁵ June 1³ 2² 3² 5⁴ 6³ 7⁴ 8² 9⁶
 11³ 17¹ 18⁸ 19⁸ 23⁸ 24² 25² 26² 27⁸
 46. Vireo gilvus June 16¹ near the house
 47. " solitarius May 30² June 8² (seen) 9¹ 18⁴
 48. Mniotilta varia June 6¹
 49. Helminthophila rubricapilla May 27⁶ 28⁶ 29⁶ 30² 31¹ June 2¹ 3² 5¹
 7² 8² 11¹ 18¹ 26¹
 50. Dendroica aestiva June 9¹ seen in Clematis Park, Cincinnati 26¹ 28¹
 51. " caerulescens June 5⁵ north of Cato
 52. " coronata May 28⁵ 30² 31¹ June 3¹ 6³ 7¹ 8³ 9² 22¹ 23¹
 53. " maculosa May 28² 29²
 54. " pennsylvanica May 28¹ 29² 30¹ 31¹ June 3¹ 5¹ 6² 7² 8¹
 11¹ 17¹ 18¹ 19¹ 22¹ 23¹ 24¹ 25¹ 26² 27¹ 28¹
 55. " blackburniae May 30¹ 31¹ June 3¹ 6¹ 7¹ 8² 18¹
 56. " virens May 27¹ 28¹ 31¹ June 3¹ 5² 6² 7⁵ 8⁶ 23¹ 28¹
 57. " rigorsii May 27¹ 28¹ 30¹ June 1¹ 3¹ 7¹ 9¹ 10¹ 11¹ 18¹
 58. Scurus aurocapillus May 27¹ 28¹ 29¹ 30¹ 31¹ June 1¹ 2¹ 5¹ 6¹ 7¹
 8² 9¹ 11¹ 13¹ 17¹ 18¹ 19¹ 23¹ 24¹ 25¹ 26¹ 27¹
 59. Geothlypis trichas, May 27¹ 28¹ 29¹ 31¹ June 1¹
 2¹ 3¹ 6¹ 8¹ 9¹ 18¹ 19¹ 22¹ 23¹ 24¹ 25¹ 26¹ 27¹ 29¹
 60. Setophaga ruticilla May 27¹ 28¹ 29¹ June 1¹ 2¹ 5¹ 6¹ 7¹ 8¹
 9¹ 11¹ 13¹ 14¹ 15¹ 16¹ 17¹ 18¹ 19¹ 20¹ 22¹ 25¹ 26¹ 27¹ 28¹
 61. Salicocetes carolinensis May 28¹ 29¹ 30¹ June 8¹ 9¹ 19¹ 20¹ 25¹ 26¹ 28¹
 62. Anorthura hiemalis June 5¹ of Cato
 63. Sitta canadensis May 27¹ 30¹ 31¹ June 5¹ 6¹ 7¹ 8¹
 64. Parus atricapillus May 29¹ 31¹ June 1¹ 6¹ 7¹ 8¹ 18¹ 24¹ 25¹ 27¹

65. Turdus fuscus May 27¹* 28³* 29³* 30⁴* 31¹* June 3¹* 5¹* 6¹* 7²*
8²* 9⁶* 11³* 17²* 18³* 19²* 21²* 22¹* 23²* 24¹* 25²* 26¹* 27¹* 28²* 29¹* only
66. ——— u. swainsoni June 5¹* 7²* 8³* 23¹*
67. ——— g. pallasii May 28¹* 30²* 31¹* June 5¹* 6²* 7²* 17¹* 18²*
19²* 21¹* 28²*
68. Merula migratoria May 27⁴* 28⁵* 29²* 30⁵* 31¹* June 1²* 2⁵* 3⁴* 4¹*
5²* 6³* 7⁶* 8⁴* 9⁵* 11⁶* 12¹* 13²* 14¹* 15²* 16¹* 17¹* 18²* 19¹* 20²* 21¹* 22²* 23⁹*
24²* 25¹* 26²* 27⁵* 28¹* 29¹*
69. Sialia sialis May 27⁵* 28¹* 29²* ^{at Fairbury} 30²* June 1¹* 2²* 3¹* 8²*
9¹* 12¹* 13¹* 14¹* 16¹* 17¹* 18¹* 22¹* 23²* 24¹* 25¹* 26¹* 27²* 28²* 29¹*
70. Ardea herodias June 19¹* at Minn's
71. Passer domesticus June 19⁶* R.R. Station
72. Geothlypis a. usneae June 23¹* woods back of
Southern College

Cambridge, Mass.

1903
Aug 17

The days have slipped by since we returned from Shelburne on June 29, just six weeks ago. With the exception of a few days, the weather has been remarkably cool, even more so than last year. I have been regularly at the Museum. Will get me to the Cambridge list early this month and except for the introduction, the work is very nearly done.

On July 10 and 27 I saw Borelli's Crow *Borealis*. It was visible with the naked eye though I did not shoot for much. With my field glass I could make out the nucleus and tail, but could not see the double tail. It looked this: ~~like a crow~~

I call on Mr. Sam Henshaw about once a week and always enjoy this almost more than anything else I can possibly do. Yesterday, Aug. 16, Sunday, he & I went up to the Snake Brook Reservoir and spent a hour or so wandering about, discussing insects & plants. Caddis flies were abundant, a small species. *Polygona virginiana* is very abundant along the brook side in the Lower Reservoir, fine vigorous plants.

In the P.M. (Aug. 16) Mary, M. & I drove through Belmont and along the Trapelo Road. We left M. at the junction of the Trapelo & Lexington Road, where she took the electric home. We continued to Hollo Brook Reservoir, a beautiful sheet of water.

Polygona virginiana S. B. Reservoir, very abundant by the brook in Lower Reservoir.

Polygona Lower Reservoir, by brook -

Concord, Mass.

1903
Aug. 23

Clear, rather warm in the sun. Beautiful day
Will Brewster, Sam Henshaw & I took the
electrics to Great Bedford this morning (Sunday)
reaching there about 10. Gilbert was with us - We
walked to the boat landing, and just after crossing
the trestle, Gilbert & I see a Canadian Wren flying
swiftly over our heads - We crossed the river in the
boat. Whirligig-bugs () were numerous and

I captured some in my butterfly net and got one alive
to Cambridge and put him in Mr. Miller's pond. It is
a true beetle and has eyes above and eyes below, so that
it sees under water & above water. It has one pair of eyes
divided. After landing we strolled about before dinner.
We saw Dickcissel, Leopard, Green, & Wood Frogs and
captured a Salamander (Plethodon erythronotus) which
we examined and released. We found under a log
a lot of Bombardier Beetles (Brachinus sp.). Non-
venomous creatures. On being discovered they speedily ran
in all directions shooting off, with a squeaking sound,
their fluid from a sac behind. This immediately
changes into a gas, and looks like a puff of
smoke as it shoots out with a report. This is
a protection against an enemy - We captured several.

Bombardier
Beetles

We dined in the old Cabin and were joined by
Mr. Forbush who is taking charge on the place this
summer - Then we walked to the Barnett
Farm through the woods & fields - We heard and
saw a Green Heron in the Her. & heard a Red-shouldered Hawk.
This P.M. a Marsh Hawk flew by - We examined the Rattlesnake
Farm recently bought and drove to the Fitchburg Station taking
the 5:24 train home leaving W.B. behind. Successful day.

Cambridge to Ipswich Mass.

1903
Aug. 29

Heavy clouds - little rain. cool.

Mr. & I took the 3.30 P.M. train for Ipswich to spend Sunday with Dr. & Mrs. Townsend. Townsend met us on the train. Reached Ipswich about 4.30 where we met Mrs. Townsend at the station - We all drove to the house, three and a half miles toward the sea. The clouds were very heavy, but it didn't rain. Townsend owns twelve acres. His house stands on the top of an elevation facing north. East & South stretch the extensive marshes of the Little Neck River (beyond which on the east extend the famous Dunes, the banks of which sand visible from the house with glimpses of the sea, while to the west over the marshes rises a fine drumlin, Hog Island by which Castle Neck & Essex Rivers empty into the sea. It is a glorious view. Townsend has planted out a good many trees that are doing very well. He has a small bean and herb yard with vegetable garden. There are four children Gertrude, the oldest about nine, Margaret, Francis & Charles the youngest. All were at home but Margaret. Gertrude takes care of the pony, Stella, and of the hen. Dr. F. L. Zooker lives opposite and Dr. Richardson & Taylor have houses on the hill near by. A broad piazza runs round two sides of the house. The living room runs the length of the house. In the ^{center} is a large brick chimney with fireplace on each side. A narrow way on either side of the chimney joins the two parts. It rained in the evening. We sat about the open fire, popped corn, examined the map and talked. Dr. & Mrs. Taylor and Dr. & Mrs. Towle called. We planned for a tramp to the Dunes tomorrow. At dusk we heard Summer Yellow-legs calling on the marsh.

Upswich, Mass.

1903
Aug. 30

Sunday - North-easterly storm with high wind, rain held up during the middle of the day.

After breakfast Tom used took me over the place and showed me his barn, pump, bean garden, and the trees he had been planting. The land slopes down to the salt marsh and a boat house stands on the edge of the stream whence they sail & bathe. The rain continuing I was clad in an oil-skin suit, heavy rubber shoes with wadded stockings, and broad brimmed southwester. Tom said put on his oil skin and off we tramped for the beach and the dunes. It was great sport. We walked down the road nearly two miles before turning in to the dunes and over the white sand to the lighthouse. As we walked along by the low scrub, we started a fine large female Ring-necked Pheasant. She first started and dropped quickly into the bushes before I saw her. Then we both ran toward the place and at about ten yards she rose and scaled off straight away from us some distance. We went straight to the beach past the lighthouse. The tide was low and an immense expanse of sand was uncovered stretching an interminable distance in either direction. Though the rain beat in our faces we could see across the water to the shores of Cape Ann with the waves breaking wildly off shore and over the bar at the mouth of Upswich River. On the bar we could see and make out a mass of seals grouped near the water. It was a wild sight.

Upswich, Mass.

1903

Aug. 30

(2)

As we walked along the beach, the rain stopped and held up till we reached ^{the house,} though the heavy clouds hung low and it rained hard later. Though we did not see very many birds in number, still I was much gratified to add some birds that I had not observed before. They were a Bonaparte's Sandpiper, a Black Tern and a flock of 5 Caspian Terns. The Sandpiper Bonaparte's flew close by us and Townsend who has often seen them readily recognized it as he did also the Black Tern, its small size and peculiar black markings rendering it easily identified.

Townsend had left me to walk farther along the beach, while I stopped to rest. As I was standing alone there flew over my head very low down a flock of five Terns. They were very large, apparently twice the size of a Wilson's and I saw the roseate bills distinctly. They were calling ca-ca, ca-ca, ca-ca continually. A little later when Townsend joined me we saw a single Caspian. He has shot one here - so we recorded six Caspian Terns - We saw also Herring Gulls, Sanderlings, Semipalmated Sandpiper, and Ring-necked Plover, a Black-bellied Plover, while large numbers of Tree Swallows were continually flying about low over the beach and the waves.

Turning away from the water finally we struck straight into the Dunes and entered a remarkable region - The country is very rolling in some places, rising, rising, and very considerable change, elevations alternating with

Upswich, Mass.

1903

Aug. 30

depressions. These depressions are of various sizes called "Amphitheatres", some of them circular in shape, the sand sweeping in beautiful curves. The sides sometimes forty or fifty feet high. Vegetation clothes all large part of the dunes and here and there the sand is burping up the trees. We saw a grove of pitch pine about half buried, the cone-bearing branches close to the sand. In another place, a long buried pitch pine forest is emerging again, the sand drifting away to another locality. The principal vegetation seems to be Pitch Pine, Red Cedar, Gray Birch, Aspen, Bayberry, Sweet Gale, Sweet Fern, Alder with small shrubs and herbaceous plants. Cranberries cover an immense area and were fruiting profusely. Dr. Townsend says there are two Cistus. I saw, one Red Bush, one Hemlock. In the lower portions of depressions where sandpools occur there is a fine growth of small plants.

Hedysarum tomentosum is very abundant. In one place we saw a cloud of Tree Swallows hovering over the Bayberry bushes. They feed on the berries. At times the flock would rise and we estimated that there must have been at least two thousand birds. They looked like a swarm of bees. It was a pretty long tramp covering at least thirty miles. We reached home at 2.30 ate a late dinner and I was glad to lie down for an hour and enjoy a good rest.

See note

Aug. 31/1903

Ypswich, Mass.

1903

Aug. 30

In the evening, Eadsall & wife came to tea to celebrate their 7th wedding and later neighbors dropped in and brought articles in tin, and we had a very merry time.

List of birds observed in Ypswich to-day between the house and the beach:—

Larus argentatus 100 to 200 at the beach

Sterna caspia 5 or 6 overhead * 1 Vulture. It joined some Wilson's Terns among which its large size was apparent.

Sterna hirundo about 100 fishing off shore

Hydrochelidon nigra Surinamensis 1 V on the beach.

Ereunetes pusillus 25 or 30 on the beach

Tringa fuscicollis 1 V very conspicuous.

Calidris arenaria 25 on beach

Cypialitis semipalmata 5 or 6 on beach

Squatula squatarola 1 on beach, showing black breast

Phasianus torquatus 1 ♀ flushed in the dunes.

Circus hudsonius 1 ♀ ad. soaring over marshes.

Colaptes auratus luteus 2 or 3

Corvus americanus 5 or 6 on beach.

Dolichonyx oryzivorus calling in field

Passer domesticus 20 or 30 roosting

Astragalinus trichotis numerous

Foecetes prameius 5 or 6

Ammodramus s. savanna 2 or 3

" caudaculus 3 or 4, marsh.

Spizella socialis several

Melospiza melodia 2 or 3

Chelidon erythrogaster 5 or 6

Tachycineta bicolor abundant flying over the beach & running low down.

a flock of at least 2000 hovering over Bayberry, in dunes.

Xipasa riparia 2 or 3

Merula migratoria few

Duck a flock of

about a dozen flew over the water.

They were probably

Coots of some sp.

25 species

Upswich to Cambridge, Mass

1903

Aug. 31

The storm raged all last night. We were up at six o'clock and drove to breakfast at seven. Dr. Townsend drove with us to the station where we took the 8.10 train for Boston. We had a most delightful visit and our kind host and hostess could not have given us a more delightful time. We reached home by quarter of ten. Ruthven is here - I called on him this evening at the other house. He returns to Chicago to-morrow morning.

"Amphitheatres". - "By amphitheatres I mean the large spaces between curving dunes seen only further south in the Ipswich dunes. What I called your attention to Sunday were the pits which work down wind by scouring out on one side & filling in on the other."

C. W. Townsend in Litt. Sept. 22, 1911.

We visited Dr. Townsend on Sept 16-18, 1911 (see journal) as, owing to the bad weather, went but a short way in the dunes from the northern extremity. We did not go even as far as the light.

Cambridge Mass. to Wells, Maine

1903
Sept. 14

Monday, very warm -

M. & I took the 4.15 P.m. train for Wells to make a week's visit to our cousin's at the Elms. We had a good run down reaching the end of our journey exactly on time, 6.52, but it was awfully hot all the way especially after the cool weather preceding. Mr. Goodwin met us at the station and drove us up to the house. The air was so cool that I put on my overcoat. A hearty welcome awaited us. There are now at the house Robert & Ellen Lud, Mrs. Grace C. Lud & Dr. Palmer, a lady physician. After tea we enjoyed the evening talking in the sitting room and retired early. But one of our trunks was put off at the Elms -

The Elms, Maine

1903
Sept 15

Clear, warm, with fresh sea breeze -
 I have been rather quiet, resting to-day.
 Rob took us this morning over the new
 barn and showed us every detail - It is a
 fine structure, admirably adapted to the uses
 intended for it. The horses and the Guernsey
 cattle are well housed and the mow are
 filled with hay - In the old duck pond are
 a flock of Brazil ducks, with white plu-
 mage and red bases of the bills. Later in
 the morning we drove over Col's Hill for an
 hour or so -

This P.M. I strolled over the meadow by
 the house. Rapae and phitodora were very
 abundant. I took one very small butterfly
 that is probably a clouded fulphur - I shall
 know later - Met H. & O. & Ellen, Dr.
 Palmer & I drove with Mr. Goodwin to
 Kennebunk - Air cool and pleasant -
 We drove through the town, returning home
 by six o'clock -

Birds very few - I observed to-day :-

Ceryle alcyon 1st.

Colaptes c. luteus 3rd.

Corvus americanus 12.

Artamus tristis abundant, heard constantly. Saw some.

Passer domesticus about a dozen by the barn.

Proccetes gramineus one seen.

Spizella socialis abundant on the lawn and elsewhere.

Titia ~~canadensis~~ ^{caudigera} one.

Sialia sialis abundant, saw a dozen or more -

The Elms, Maine

1903

Sept 16

Clear cool clear. Fog drifting in from the sea in the P.M.

Not having been very well last night I stayed in bed this morning, getting up and going down to dinner at half past one.

We spent some time after dinner in the study looking over photos illustrating Robt & Ella's foreign trips last year.

I rested in my room afterwards.

Birds observed to-day

Corvus americanus heard

Astragalinus castris "

Passer domesticus 3 or 4

Spizella monticola Saw 1 by the house

Melospiza georgiana

The Elms, Miami

1903

Sept. 17

Mild, very windy from the south east, sun alternating with clouds and rain.

This morning I staid near the house, reading, the weather being threatening. Dr. Palmer left about 10 o'clock. Later I walked out to the summer house where I enjoyed the vast stretch of ocean and marsh with the Gulls clustered in a snow white mass on the sand at the mouth of Little River. I returned to dinner. The truth is I have not felt quite right since I have been here and I must be careful. At half past three this afternoon Ella & I with Mr. Goodwin drove down to the beach and went over the whole length of it twice. We got pretty near the Gulls. I counted about 30 Blackbacks. Sandpeeps were the only sandpeeps on the beach. An occasional ^{seabird} thrust his head and often half his body above the breaker close in shore. It began to rain soon after our return. Birds today:-
Larus argentatus about 200 mouth of Little River
 " *marinus* " 30 " " " "

Sterna sp. probably *hirundo* 15 along beach.

Calidris arenaria about 75 in small flocks on beach.

Tringa maculata 3 ^{sand} flats by salt marsh.

Ardea herodias 2 or salt marsh.

Colaptes c. luteus 2

Corvus americanus 6 on beach

Astragalinus tristis hd. constantly

Passer domesticus a few

Melospiza fasciata about 6. *Procellos grammurus* numerous
 sand 7 or 8 -

The Elms, Maine

1903
Sept. 18

Clear with light clouds, quite high wind, mild.

This morning I walked down to the mouth of Little River and enjoyed the view over the marshes. I saw a fine brown Marsh Hawk, a Sharp-shinned Hawk and a large Cooper's Hawk and heard a Red-shouldered screaming. The Samphire is bright red now and the marsh grasses and rushes are a beautiful russet. Returning to the house I got my camera and exposed a plate from the Little Summer house back of the house. Ella then walked with me to the marsh again and I took three connecting views of the big marsh & Little River. We saw a Sharp-shin alight on a post and tear to pieces some creature that he had caught. We also saw three Ringfishers at one time.

This afternoon I took half a dozen pictures near the house and on the point by the summer house. Mr. H. went to the barn at 4.20 to see the Guernseys come in. Each cow knows her own place and goes to it.

For some days past the men find in the early morning straws in the gutter back of the cows and on the floor nearly insect a number of crawling caterpillars with long tails, some times two hundred at once. They are brushed back into the hole underneath but return each morning. The numbers are lessening now. I have some in alcohol to study.

This noon the boys caught a mouse on the marsh, light belly, upper parts and feet legs dark brown, feet black, body 2.7, tail 1.2 in. Said to day: *Larus argentatus*, ^{*L. marinus* with former} *around*, *Circus hudsonius* 18; *Buteo lineatus* 18; *Accipiter velox* 3; *A. cooperii* 1; *Colaptes a. luteus* 1; *Corvus americanus*, 30 in flocks of 12 or less; *Astragalinus lineatus* 10; *Passer domesticus* 4 or 5; *Peucaea graminea* 5; *Geothlypis trichas* 18; *Sialia sialis* 10. *Galusgallus carolinensis* 10.
Pearly Wilson 10!

(*Eristalis*)
(*Tenax* probably)
S. Henshaw
Sept. 21/03

The Elms, Maine

1903
Sept. 19

Clear, calm, very cool, an ideal day -

This morning Rob and I spent some time photographing "Safety". The Guernsey bull. He was led out into the yard and I exposed two plates. Then we took some snaps of him. Later we walked over the fields in front of the house and I took a picture of Luaver, granddaughter of old "Quarty" and niece of Quarty 4th. I photographed the head of the latter as she was lying in the grass. Then I snapped at some sheep.

This afternoon I reed a little "The Pic", and then walked over the golf links with Rob & E. The air was wonderfully clear and the ocean was a deep blue -

Birds to-day

Gull Herring - like a sand bank at mouth of river.

Great Blue Heron - one ^{with above} over marsh & alighting in river

Flicker - saw one, heard two.

Crows - several.

Goldfinch - heard several -

House Sparrow - a few.

Grass Finch - one or two.

White-breasted Nuthatch - one flying about the house & calling

Chickadee - one

Song Sparrow - heard

King Fisher - "

The Blues, Maine

1903

Sept. 20

cool, clear and cloudy, a fine day, glorious sunsets.

This morning Rob and I walked over to the boathouse and Rob rowed me up the river nearly to the mill. The tide was up and the views were very attractive. as the eye ranged over the salt marshes. Twice we started up a Great Blue Heron and once I saw a Kingfisher drop with a big splash into the water and fly up with a fish in its big bill. One of the Brazilian Ducks that Rob has here fled over to the river in the Spring and has lived ever since at a certain bend in the river, allowing no one to approach. We found her to-day and followed her for some time, and could have caught her if we had had a net with a handle. Rob will try again. The foliage is turning rapidly now and the fall is upon us. Returning home we took a drive (Aunt, Ella, Rob & I) to the beach, Tide about $\frac{1}{2}$. Gulls were flying up & down and we saw the immense flocks of Little Plover rise and soar. A flock of at least seventy five Sanderlings flew by and I saw three Loons, one an adult in fine plumage, on the water. We drove along the beach and took the road from Drake's Island. I visited the Sassafras trees that I have seen before. They are in a small wood a few rods from the road. There are two thifty trees, about three or four feet apart and each about thirty five feet high. The trunks measure

The Elms, Maine

1903

Sept 20
(2)

respectively, 5 feet up, 1 ft. $3\frac{1}{4}$ + 1 ft. $7\frac{1}{4}$ in. round. Close by are three young seedlings, one to three feet high. I took some specimens from these small plants - After reaching home, I took a few snaps about the place.

This afternoon we put our things together for our departure and then I went out into the barn and visited the cows and Safety, the bull. I called on Mrs. Taylor and saw her daughter Joy, who teaches the little school here.

We saw a Gray Squirrel in the woods near the boat house this morning. Rob says that it is the first one he has ever seen here, though Mr. Taylor has seen the species here.

Birds observed to-day: -

Larus inder 3 off the beach, one an adult in full plumage

Larus argentatus immense flock off the river

" marinus numerous with above.

Botaurus lentiginosus one road to Duckers Island.

Calidris arenaria about 75 in flock on beach.

Ceryle alcyon 3 or 4 by river. Saw one catch a fish. one of the 2nd of the

Ardea herodias started two

Lagomis phaebe one

Colaptes c. luteus "

Corvus americanus a few

Agelaius phoeniceus two by river

Spizella socialis twenty or more

Proccetus gramineus one

Melospiza fasciata "

Passer domesticus few

Dendroica coronata one

Parus atricapillus 1*

Merula migratoria 5

Psaltria scalis 4 or 5

Cyanocitta cristata 2*

The Elms, Maine to Cambridge, Mass

1903

Sept 21

cloudy, cold, air clear.

We were up betimes this morning and breakfasted early. Mr. Goodwin drove up to the station and Rob accompanied us. I heard Crows cawing, Goldfinches singing and Jays screaming. We boarded the train at four minutes of eight and had a quick pleasant run to Boston reaching there at just 10.15 Am. We reached home shortly after eleven o'clock.

I weighed this morning on two separate scales exactly one hundred and sixty eight pounds (168 lbs). Ordinary dress.

Eristalis sp. doubtless tenax.

1903

Sept 24

Through Mr. Sam Henshaw I have learned the name of the larvae collected in the cow barn at The Elms Farm, The Elms, Maine on September 18 and 20, 1903. The genus is Eristalis and the species doubtless tenax. For absolute specific determination the imago is necessary. The insect is one of the Diptera. The larva is brown, has no legs and the long tail is the breathing apparatus, being hollow and open at the end which is furnished with a tuft of hairs. The larva is hatched in manure and it like and feeds upon it, burying itself in it and leaving the end of the tube open to the air to breathe through. When the larva is ready to pupate, it draws in its tail and the outside of the insect hardens and it becomes a pupa. From this it emerges a fly as large as a big Honey Bee and somewhat resembling a bee. It is black and yellow and harmless, being seen about Chrysanthemums where it feeds on plants like. Although the fly is commonly seen, the larvae are not generally observed, probably because the eggs are laid in out-of-the-way places. Chickens eat the larvae greedily. Probably the larvae were seeking a place to pupate when they were found every morning on the floor in the cow barn. They crawled up from below. The larva is called the Rat-tailed Larva and the fly, the Common Drone fly or Syrphus fly (Family Syrphidae). There are eight or ten species of Eristalis in New England. See Our Insect Friends and Foes, Belle S. Cragin, New York & London, 1899, 286-287.

The Elms, Wells, Maine

1908

Sept. 15-21

List of birds observed at The Elms, Maine between September 15 and 21. They were very scarce and I could not observe as much as usual:-

Gavia imber 20³ off beach, one an adult in fine plumage.

Larus marinus 17^{about 30, mouth} of Little River 18^{idem} 19^{idem} 20^{idem}

" *argentatus* 17^{about 200, mouth} of Little River 18^{idem} 19^{idem} 20^{idem}

Sterna (hirundo?) 17¹ off beach

Botaurus lentiginosus 20¹ road to Drake Island.

Ardea herodias 17² 19⁴ 20² all near Little River.

Tringa maculata 17³ sand flats mouth of Little River

Calidris arenaria 17^{75 in small flocks on beach} 20⁽⁷⁵⁾ on beach

Circus hudsonius 18¹ -

Accipiter velox 18¹

" *cooperii* 18¹ -

Buteo lineatus 18¹

Ceryle alcyon 15^{ad} 18¹ 19^{ad} 20^{3 ad, 2 juv one catch a fish} - all at Little River - 20¹ ^{at the} bridge

Colaptes a. luteus 15^{2 ad} 17² 18¹ 19³ 20¹

Sayornis phoebe 20¹

Cyanocitta cristata 20² 21²

Corvus americanus 15¹² 16^{ad} 17^{6 juv one} 18⁵⁰ 19^{50 several} 20^{ad} 21^{ad}

Agelaius phoeniceus 20² ^{by river}

Passer domesticus about 12 about the barn during the week

Astragalinus tristis 15^{abundant} 16^{ad} 17^{abund} 18^{ad} 19^{50 several} 21^{ad}

Poocetes gramineus 15¹ 17^{7 ad} 18⁵ 19² 20¹

Spizella monticola 16¹

" *socialis* 15^{abund} 20^{2 ad one}

Sitta carolinensis 15^{ad} 19^{1 50 in about the house}

Melospiza c. fasciata 17⁶ 19^{ad} 20¹

Parus atricapillus 19¹ 20¹

Dendroica coronata 20¹

Merula migratoria 20⁵

Geothlypis t. trichodactyla 18¹

Sialia sialis 15^{12 on} 18^{ad} 20^{4 ad}

Galeoscoptes carolinensis 18^{ad} by marsh in woods

- 31 species -

Cambridge to Andover, Mass.

1903
Oct. 14

Clear, cool, brilliant day after the long storm. Since our visit to The Elms, Mr. we have been in Cambridge. Part of the time I worked in the Museum. To-day we came here for a little rest. We took the 10.45 A.M. train at the North Station and reached Andover by 11.26. The Station is in the valley of the Shawsheen River. From there we drove up to the town up a steep road and then on till we reached an elevation of 250 ft above the river when we found ourselves in front of the spacious grounds of Phillips Academy and the famous Theological Seminary. We drove up at The Phillips Inn where I had previously engaged a room. It is a very attractive building, the original part being of stone. In this part is our room on the second floor, up one flight in the south-east corner. The house faces nearly south. We overlook the Academy grounds and also an expanse of field and woods with a small lake near by. The Inn consists of the old stone part and a large wooden addition. In the parlour is posted the following notice:-

"The 'Stone House' built in 1828 was first used as a carpenter's shop by the Theological Students, then as the residence of Prof. and Mrs. Stowe [Harriet Beecher Stowe] from 1853 to 1864.

Called the 'Mansion House' from 1887 to September, 1902.
Renamed 'The Phillips Inn' in memory of the founders of the Institution upon the Hill!"

Cambridge to Andover, Mass.

1903

Oct. 14

(2)

I strolled about a little near the house before lunch. There is a fine view to the north and north-west including the city of Lawrence. The small cemetery near by contains the graves of a number of distinguished men connected with the Academy. The Theological buildings are close by. They consist of three plain old buildings of red brick. They have a corps of fine instructors and about ~~four~~ ^{twenty} students!!

After lunch we walked over to the Academy's Football foot-ball field and saw a good game between Phillips Exeter the boys and the Tufts College team. They have a fine field. The boys seemed to turn out in large force and there were a good many ladies present. I was surprised at the strong playing of the home team against the big college boys. Andover won by a score of 15 to 5. This is two touchdowns, with no goal kicked, and a very pretty goal from the field, against one touch-down. Good leaders kept the boys cheering various cheers all through the game.

We got home in time to rest a little before dinner which we had at 6.30.

We have spent the evening, quietly in our room. We have hot air radiators and electric lights.

English Sparrows in small numbers I saw to-day about the place and I also saw a flock of five Crows flying east.

Andover, Mass.

1903

Oct. 15

Clear, cool, calm, an ideal day -

This morning we spent walking about on the hill through the Theological grounds and by the various buildings belonging to the Academy.

I exposed a number of plates - The buildings of Phillips Academy are ranged along the west side of the main road and also to the south of the Theological grounds - The boys room in dormitories and also in private houses. We went

into the Archaeological Building and saw a fine Archaeological collection of relics of Indian mounds and the like. Bldg -

Then we went over to the burial ground behind the Theological Bldg where we found the monument erected to Harriet Beecher Stowe. It is of polished, brownish granite and bears the inscription, Monument to Harriet B. Stowe

"A tribute of loving remembrance erected by her children - 1811 Harriet Beecher Stowe 1896. Her children rise up and call her blessed". In front on the left is a small granite monument inscribed, "Calvin Ellis Stowe. Born April 26, 1802. Died August 22, 1887. The common people heard him gladly - Mark - XII, 37".

In front on the right is a small white marble cross, inscribed "TA ΠΑΝΤΑ ΧΡΙΣΤΟΣ Henry E. B. Stowe, drowned in the Connecticut River while a member of Dartmouth College, July 9, 1857. aged 19".

After dinner we walked down to the town center through some pretty streets and did a little shopping. Everything seemed neat and attractive. We visited Memorial Hall and

Andover, Mass.

1903

Oct. 15

(2)

were well repaired - A large gift was made to the town and this in connection with money raised by the town caused the erection of the red brick building. It takes the place of a soldier's monument. A public library is established there and there is a large collection of pictures and relics relating to our wars. The building also contains the John Cornell Legacy Art Collection, a series of very fine photographs of famous works. From here we walked home up the main road.

This evening we had a call from Mrs. Theodore C. Dease, mother of Arthur Stanley Dease, my botanical friend. She was exceedingly pleasant and told us a good deal about her son and also about the Academy. Her husband, when living, was connected with the Theological School and she had her four Academy boys in her house which is on the main road opposite the Theological Library. The house next to hers one of the Seminary buildings (there are some buildings of the Theological School on Academy grounds) was the home of Elizabeth Stuart Phelps. Mrs. Dease invited us to dinner next Sunday when her son will be here. I accompanied her home later.

Birds today: -

Chickadee Heard two or three.

Robin Saw. one

House Sparrow. A few -

And over, Mass.

1903
Oct. 16

Cloudy, cool, calm, with occasional glimpses of the sun.

M. & I walked down to the railroad station this morning. M. took the 9.33 train for Boston. I then walked over the Shawshen River and followed the road down stream crossing the river again and keeping on the main road to Hye Village along the stream. The country is very pretty. I took the electric back to the top of the hill and walked around the new ball field and back home. M. arrived at 1.30.

This P.M. we took the electric to Lawrence. It is a straight run north across the Merrimac River where there is a pretty view of the falls made by the dam. The car ran through Essex St. and skirted the city, stopping on the east side. We walked about for half an hour and saw that we were on the edge of the open country not far from Methuen. We returned in the same way and rested before dinner. We have made the acquaintance of Mr. & Mrs. Adams of the Kensington Boston. E. F. Williams' brother married Mr. Adams' sister. We have had many very pleasant talks. Birds today in the woods.

Blue Jay 2 or 3 screaming near the river. ^{1 B. like}
~~House Sparrows~~ a number in different places.
Song " 1 by river
White-breasted Nuthatch * a number of times by the Inn.
Chickadees. heard once or twice
Bluebird several times - Saw two,

Andover, Mass.

1903

Oct. 17

Cloudy morning, thunderstorm and heavy rain all the afternoon -

We kept quietly at home to-day, mostly in our room. I felt rather tired and read a good deal of the time. We made a call in the late afternoon on Mrs. Pease and found Arthur Stanley Pease at home. We had a most pleasant time. This evening we sat in the parlor and talked with Mr. & Mrs. Adams for some time.

Birds to-day,

Blue bird hd.

Crow hd.

Amherst, Mass.

1903
Oct. 18

Clear, bright, with bright sun in Am. clear
very windy and cold, brilliant 2nd day. Sunday.
After breakfast I walked across the campus
to the Peases. Mr. Reese and I took a walk
down Phillips St. where he showed me the old bed
of the Boston & Maine R.R. where the tracks ran
straight to North Amherst before Lawrence was.
It is a very beautiful walk with a row of
white pines on either side. This road bed can
be followed a long distance. Then we all went
to church in the chapel opposite the Inn. It
was interesting to see the Academy boys, and
hear them sing. Prof. Day, President of the
Theological School officiated. After church
Mr. Reese & I took another walk through the
cemetery and round by Missionary Lane,
through a pretty country. Saw Copelands
Thelypteroides - He returned to Mr. Reese's and
inspected his grounds. Mr. joined us and we dined
there. After dinner Mr. P. & I went to his room
in the third story where we examined plants.
We all went to chapel again in the afternoon.
Mrs. Reese gave us a memorial volume to her hus-
band, who was appointed Professor at the Theol. School
here in 1893, but died two months after his inauguration.
From the Cemetery this A.M. I was shown the Southern
Kearneys, the two Packe Memorials, &c.

Birds to-day:-

Blue Jay one.

Downy Woodpecker one.

Andover, Mass.

1903
Oct. 19Cloudy morning, cold, mercury 44° at 8 o'clock.

Sunny afternoon with clouds, air clear, calm.

This morning we walked over to the Brechin Brechin Library of the Seminary and were given very kind attention first by Miss Beane and then by Mr. Wm. L. Ropes, the Librarian. They both of them knew of father. The literary treasures are boundless and priceless. We were shown many: - two copies of Eliot's Indian Bible, some of the great Polyglots, reproductions of famous Mss., scrolls of soft leather containing the books of Genesis and Exodus in Hebrew. We saw an immense stone slab brought from Nineveh. It contains the figure of one of the early Kings engraved on it and a history of his reign and dates back between eight and nine hundred centuries before Christ. One room contains objects of Natural History all from the Holy Land, metal altars of unknown antiquity, mounted birds and mammals &c &c. There were many portraits of the early founders, donors, &c. We enjoyed it all very much.

From the Library we walked down Phillips St. and repeated the stroll that Mr. Beane & I took yesterday morning through the pines on the old S + M. road. Then home to dinner.

This afternoon we took the electric trolley to Reading, taking the car at the corner of Chapel Reading Ave. & Main St. It was a very pleasant trip throughout. The road runs almost due south through a very pretty stretch

Andover, Mass.

1908

Oct. 19 of country rather heavily wooded and interspersed
(2) at intervals with houses. The brilliancy of the foliage, especially of the maples, has gone, but the country is all deeply colored with rich russet brown from the oaks and beeches, deep yellow from the poplars, maples and ashes, and hickies, while the low shrubs scattered over the fields yield a variety rich color. The elms are dropping their leaves very fast. We went through North Reading and crossed the Ipswich River, a very small stream at this point. The car goes at a break-neck speed along this course - We were just a half-an-hour reaching Reading, a distance of nine miles. We stayed in the car and in another half hour were back again.

We called on Mrs. Reese and invited her to drive to-morrow morning. Returning over the Campus we went into Bartlett Chapel, designed by Balfinch and completed in 1818 and visited the "Chapel" in it, and also Lecture Room A both on the ground floor. A good deal of history clusters about all these buildings and rooms.

I must not omit one thing - that we saw in the Library. Copy of a framed copy (autograph signed) of the tune "America". This copy was written by Rev. Smith, the author, in 1895 in by the author his 87th year and just before his death. He composed the tune in Andover in the "America House" on Main St. also 1832, when he was a student here at the Seminary.
 Henry Woodbridge - one
 F. L. L. one
 Henry Spaulding - several
 Chickadee. one

Andover, Mass.

1903

Oct 20

Cloudy and sunny, very windy, air balmy.

This morning I took a carriage and driver and took Mrs. Reese and a lady whom she asked, to drive. We had a very pleasant time indeed. First we drove about the town and then went to North Andover, observing many places of interest on the way. The country in North Andover is very rolling and hilly, affording most delightful outlooks. The large pond or lake in the northern part of the town is an important addition to the natural beauties. We drove to the top of Mills Hill and had a very superb view in every direction, including the sea to the east, Danvers Asylum, Mt. Wachusett, Monadnock (not visible to-day) the two Rock Monadnocks, &c, &c. We returned a little after twelve.

After dinner I called on Prof. E. Smyth and enjoyed a conversation with him extremely. Then Mr. & I called on Mr. & Mrs. Edwin Reed and I found Mr. Reed entirely wrapped up in his Bacon vs. Shakespeare work. He has published three different works on the subject and is now getting ready for press the eighth edition of one of them. We called on Mr. & Mrs. John L. Brewster, but they were not in. A call on Mrs. Frederick Palmer resulted in the same way.

We decided this morning to return home to-day and after dinner we took the 7.15 train, reaching Boston at 8.06 and home about 9 -

Arlington Heights, Mass.

1903

Nov. 8

Bright sunny cool day, sun in the fields.

Mr. Sam Henshaw & I took the cars to Robbins Spring Hotel this morning and walked over the Heights in the fields and roads, through Marsh St and on to Waverley where we took the cars back to dinner. We went to see the Pine Grosbeaks that are abundant now but we were unfortunate in not finding a single one, though they have been on the Heights and about Marsh St. for some time. However we had a very pleasant walk and saw a number of birds - Robins were very abundant as well as Fox Sparrows and a large flock of Pine Siskins flew over our head. We listed the following birds: -

Colaptes auratus luteus twoCorvus americanus heard a fewPasser domesticus abundant by houses & in fieldsLoxia c. minor very abundant, flocks of 10, 15, 20 constantly seen. They were continually flying overhead chirping.Chrysomitris tristis one -Spinus pinus, a flock of about thirty flying over singingZonotrichia albicollis one, probably more.Junco hyemalis abundant on the Heights.Melospiza c. melodia, a few by roadsidesPasserella iliaca, abundant constantly seen, singing some.Setta carolinensis, heard one in Lower ReservationParus atricapillus seen a few.Merula migratoria, extremely abundant, one flock feeding in a field consisted of at least one hundred birds. Everywhere.Cyanocitta cristata, five to ten.

Cambridge, Mass.

1903

Nov. 22

Cloudy, chilly, a little sun at noon, melting soon. Mercury at 8 Am. 24° .

George & I walked round Fresh Pond this morning. The mist over the pond made a very pretty effect as we circled round on the driveway. A flock of about 410 Herring Gulls, by actual count were sitting on the pond, and were busily engaged in preening their feathers and splashing about in the water. A flock of nine Black Ducks sailed over the pond on set wings and after circling round over the Gulls, alighted with a splash near them.

Particularly interesting to me were a flock of Fulica or seven Mud-hens (Fulica americana) on the west Fresh Pond side of the pond. They have been there a number of days, I am told. They feed by "tipping up" close in to shore and at one's approach swim out, approaching the shore farther away. Their white bills are very conspicuous a quite a distance. We watched them for half an hour. With them were three Ducks. I was able to diagnose one of them, for I saw him clearly. Head and neck rufous red, top of head dark, body very light, under parts not seen, culmen & head in straight line. This suits exactly Aythya valisineria. The bird sat low in the water and was a large bird. I knew well the shape of the Red head A. americana. On our return I looked up these species at the Museum and the bird certainly seems to be A. valisineria.



Cambridge, Mass.

1908

Dec.

Record of Temperature for a few December days.

Min. = previous night -

	Am.		Min.		Rm.		Max.
27	8.	3.	1-		10.30	19.	20.
28	7.30	16.	15.				
29	"	4.	3.				
30	"	13.	4.				
31	"	14.	12.				

EDWARD L. RAND,
740 EXCHANGE BUILDING,
53 STATE STREET.

BOSTON, Feb 13 1905

Dear Deane,

I pass the enclosed effusions on
to you for your edification. I know you always
enjoy the wise and witty writings of our friend.

I am looking forward to seeing you at
the head of the table on the 25th. I suppose
we shall have a regular Cat dinner!

Sincerely,
E. L. R.

If all your lady friends who write
you letters should this day unite
and each declare that she was Thine
and claim to be your valentine,

I pity you, -

What would you do?

Feb 14

[The Writing By E.L.H.]

Come Walter Deane the well beloved
And join us rough rude men
Although if we were ladies we
Would like to be like you

Sept 103

I am glad you can attend.

Great William conscientious Deane doth leave,
Not gentle William will our friend receive.
If play is lost for work it will be sweet
At close of work to have far more to eat.

E.L.H.

March 17 [1903]

Lo, I must feast while others feast
Because we changed our place.
Oh, think of me, your last and least,
Who sadly stays away.
E.L.H.

Feb. 20th

I know the birds, that don't know me
Just stamp me if you can

They come around me when I call
For "The 'Strait Old Man"



Brewster

26750

I really am awfully, I want
 I cry in my sleep every night.
 "I hope and I wish
 that when I see him he will be bright -
 that he will be bright -
 that he will be bright -

I really am witty & bright
At verses I just take what I please
At the table I laugh & I jest
I'm the wisest & best of the crew

My brothers of the club who are,

~~I want you to~~

Just have a bright & happy time

I greet you ~~all~~ every ~~man~~ to night

Though ~~very~~ ^{pretty} hardly I can imagine.

I collect otter, weasel and mink
Skunk. Lap and Caracaras too.
I skin them at home, and do know they smell.
I don't care a bit though, do you?

14

Baltimore

I live on a fly a lonely life,
That of a speech, an atom, 7 in sec.
The Cryptofanni's Thayer says I belong
to the Laboulbeniaceae

Thayer

Little trees all in a row

Charlie Townsend loves them so -
Birch & Maple, Spruce & Pine
Ypswich, Sandown, all are mine

Townsend

Just of this ^{and} ~~any~~ ^{my} name is known.

^{the} ~~Things~~ may turn, in some, otherwise.

But what I enjoy ~~to~~ ^{is} that of all

To the ~~best~~ ^{best} of one and 'the World'.

I Johnson -

I can tell a lot more than
most people in my class
all good. I am better, I am better
My ideas views I think are
good.

Order for M.B. at Ham. Corp.
20 lbs of the blue papers, with
envelopes at the rate of one to $1\frac{1}{2}$
thick paper -

Broth
Brother

Now, brother, I tell you, what can I do
I will take it off your hands.
If real estate does trouble you at all,
Sapolo will take it off your hands.

I'm a versatile all round kind of man,
Biological subjects I handle with ease.
I ~~have~~ ^{have} pigeons, a goat, ^{hens,} ~~and~~ rabbits and plants
Who strives after more is ^{one} hard to please.

Jack

~~I have been thinking of you a great deal lately~~

~~My dear friend~~

~~I am so glad to hear from you~~

After

~~I am so glad to hear from you~~

~~I am so glad to hear from you~~

I am so glad to hear from you, my dear friend, my dear
my dear, and my dear friend.

By chemistry I can ^{quite} easily prove

That White is a ^{very} common thing
— dear friend —

These were composed
by Walter for his
Club "Melrose" on
Feb. 25th 1903.

It met at our house,
& they were received
with great enthusiasm,



My brothers of the club
"We Dine".

Just have a bright
and jolly time.

I greet you every man,
To-night,
Though pretty poorly done
in rhyme.

W. Deane.

Feb. 25, 1903.

